

# ANNUAL INDEX

January pages 1-64 February pages 65-128 March pages 129-192 April pages 193-256 May pages 257-320 June pages 321-384 July pages 385-448 August pages 449-512 September pages 513-576 October pages 577-640 November pages 641-704 December pages 705-768

#### A

#### ABERRANT TEETH

See Teeth-impacted; See also Extraction-impacted teeth

#### ARRASION

See Erosion and abrasion

HARDNESS TESTS: See Erosion and abrasion

#### ABSCESS

Abscesses in the oral cavity 34

# ACADEMY OF GENERAL DENTISTRY Holmes. Academy of General Dentistry 232

See Operative dentistry-accidents; See also Anesthesiaaccidents during

#### ACRYLIC RESINS

See also Bridgework-, Crowns-, Denture bases-acrylic resins; Orthodontic appliances, materials, etc.; Prosthesisfacial; Resins

Frenkel. Intraoral wound dressing with self-curing acrylic resin 615

Pinto da Fonseca. Stretching prosthesis for cicatricial

deformities of the lips 483
Strassburger. Analysis of methyl methacrylate copolymers by gas chromatography 185

ALLERGY: See Allergy-acrylic resin

FILLINGS

McLean. New plastic filling material 673

#### ACTH

See Endocrine glands and hormones-therapy

## ACTINOTHERAPY

See Ultra violet rays-therapy

ADVERTISING, DENTAL Hollister. Advertising standards 314

#### AESTHETICS

See Esthetics, dental

#### AFRICA

See Dentistry-in Africa

See Geriatrics: See also Ill and aged, Dentistry for

# AIR FORCE DENTISTRY

See Dentistry-military and naval

#### AIR PRESSURE

Moslener. Barotrauma 26

## ALLERGY

See also Dermatitis

Respertik. Leukergy associated with drug allergy 670 Re. Allergic reactions to steel prostheses 20 Anaphylactic reaction to aqueous chymotrypsin

injection 160 Schuppli. Allergic reactions to antibiotics 349

Swelling of tongue 181

# ACRYLIC RESIN

Samuels. Contact glossitis from autopolymerizing resin splint 358

PENICILLIN: See Penicillin-reaction to

SULFA DRUGS: See Sulfonamides-reaction to

VACCINES: See Vaccines-reaction to

#### ALLOYS

See also Amalgam; Gold; Stainless steel and chrome alloys

#### ALUMINUM

DENTURE BASES: See Denture bases-aluminum

### ALVEOLALGIA

See Extraction-dry socket

ALVEOLAR PROCESS
Takakama. Anatomy of superior alveolar nerve 720

### ALVEOLECTOMY

See also Dentures—surgical preparation for Virtanen. Deepening of the whole floor of the mouth for satisfactory prosthetic treatment: A combined submucosal plastic operation 18

#### AMALGAM

# FILLINGS

Hoppenstand. Mechanical failure of amalgam restorawith and without cement bases 482 Rubinstein. Corrosion in dental amalgam restorations

#### PHYSICAL PROPERTIES

NYSICAL PROPERTIES
Dolder. Dimensional properties of silver amalgams 673
Fischer. Comparative clinical investigation of dental amalgams containing different silver alloys 82
Habu. Study of influences of amalgam trituration upon

corresion 147 Lyell. Proportioning of dental amalgam 726

#### AMBULANCES, DENTAL

See Clinics-dental, traveling

### AMINES

Chakravorti. Free amino acids in normal human saliva

#### AMYLOIDOSIS

Castleman. Case records of the Massachusetts General Hospital 226

Letterer. Electronmicroscopic and immunomorphologic studies of amyloids in oral tissues 426

## ANALGESIA

Monheim. Newer concepts of pain control in dental O'Dell. Experimental parameters in the evaluation of analgesics, I 676

#### ASPIRIN

Haynes. Ethoheptazine and aspirin compared with other analgesic combinations 561

Gardner. Suppression of pain by sound 12 Schermer. Music, "white noise" and "white sound" 613

DEXTRO PROPOXYPHENE HYDROCHLORIDE
Ping. Dextro propoxyphene, a new nonnarcotic analgesic 677

MEPERIDINE HYDROCHLORIDE

Monheim. Control of pain in patients reacting from light planes of anesthesia 668

#### ANATOMY

#### COMPARATIVE DENTAL

Alexander. Communicative mandible-snapping in Acrididae (Orthoptera) 248

Mooser. Comparative pathoanatomic study of the dentition in 425 dog skulls 286
Müller. Dentition of the whales (Cetacea) 688
Schmidt. Gemination in the dentition of a lizard (Gerr-

honotus multicarinatus webbii) 309

#### HEAD

Aitchison. Unilateral distribution of epipteric bones 165

ORAL: See also Histology-dental; Pulp-anatomy

Carbonell. Tubercle of Carabelli in the Kish dentition. Mesopotamia, 3000 B.C. 165 De Jonge. Carabelli tubercle in lower molars 687 Scherz. Niels Stensen's first dissertation 300

# TEETH: SEE PALEODONTOLOGY

# ANDROGEN

See Endocrine glands and hormones-therapy

# ANESTHESIA

# ACCIDENT DURING

Ayre. Faulty anaesthetic apparatus 339
Seldin. General anesthesia emergencies in dentistry: their prevention and treatment 517
Sugioka. Hyperventilation with oxygen: cause of cerebral hypoxia 13

FOR CHILDREN: See Children, Dentistry for-anesthesia and anesthetics

# ANESTHESIA AND ANESTHETICS Johnstone. Use of Sernyl in clinical anesthesia 10

# ANESTHESIA AND ANESTHETICS, GENERAL

Blick. Steroid anesthesia 101 particular juries of the jaws 274
Bulbulian. New nasal anesthesia mask for oral surgicul

Method of blind nasal intubation for the conscious

Gold. Metalog of patient 11
Graham. Effects of high carbon dioxide concentrations

on blood circulation and respiration during anesthesia: tolerance and "supercarbia" 9 Pauling. Molecular theory of general anesthesia 675 Prommersberger. Baytinal anesthesia in gerodontics 275

CYCLOPHOPANE
Stephens. C.O.N. portable anaesthetic apparatus 406

ENDOTRACHEAL

Schmücker, Advantages of endotracheal anesthesia in oral surgery 274

FLUOTHANE: See-halothane, listed below

HALOTHANE

Hunter. Halothane anesthesia 90 Lortie. Use of halothane in dental anaesthesia 518

INTRAVENOUS

Christenson. Intravenous barbiturate anesthesia for dental outpatients 474 Haym. Intravenous anesthesia in oral surgery 8

METHOHEXITAL SODIUM

Recant. Methohexital sodium: clinical study of a new intravenous barbiturate anesthetic 472

NITROUS OXIDE

Bourne. Dental anesthesia and hypoxia 613 Monheim. Control of pain in patients reacting from light planes of anesthesia 668 Nitrous oxide anesthesia at the dental office 91 Stephens. C.O.N. portable anaesthetic apparatus 406

PENTOTHAL SODIUM: See-thiopental sodium, listed below

THIOPENTAL SODIUM
Sheiner. New concepts of light anesthesia 88

TRICHLOROETHYLENE

Inglis. Anaesthesia in the dental chair: the role of trichlorethylene 208

ANESTHESIA AND ANESTHETICS, LOCAL

See also Injection technic; Needles-broken; Needles-hypodermic; Syringes-hypodermic Carbone. Use of hydroxyzine hydrochloride in anesthesia

for oral surgery 207
Feldmann. Qualitative and quantitative tests for iso-

bucaine hydrochloride 676 Klopp. Local anesthesia produced by suggestion in the child patient 546

Vandam. Current concepts in therapy: local anesthetics 338

Winter. Missing link in the chain of local dental anesthetic asepsis 712

Significance of variations of the skull in blocking Priman. the maxillary nerve 472

CHLOROPROCAINE HYDROCHLORIDE

Ingino. Clinical comparison of 2-chloroprocaine and lidocaine 494

compared to lidocaine HCI 275

Contraindications and untoward results Vandam. Local anesthetics 495

L67

Berling. Tests of a new dental anesthetic in man 410 LIDOCAINE HYDROCHLORIDE

Ingino. Clinical comparison of 2-chloroprocaine and lidocaine 494
Malkin. Clinical evaluation of 2-chloroprocaine as com-

pared to lidocaine HCI 275

MEPIVACAINE HYDROCHLORIDE Lock. Mepivacaine hydrochloride (Carbocaine): a pre-liminary clinical study 675

Mumford. Trial of mepivacaine in conservative dentistry 473

TOPICAL

Driscoll. Therapeutic use of local anesthesia 207 Ship. Development and clinical investigation of a new oral surface anesthetic for acute and chronic oral lesions 8

Moore. Oxygen: the antidote for systemic toxic reactions from local anesthetic drugs 276

XYLOCAINE: See-lidocaine hydrochloride, listed above

See Anesthesia and anesthetics; See also Anesthesia and anesthetics, general and subheadings; Anesthesia and anesthetics, local and subheadings

ANGINA

VINCENT'S: See Vincent's infection

ANOMALIES

De Jonge. "Schizodontia" and "synodontia" 688 Gorlin. Hypertrophied frenuli, oligophrenia, trembling and anomalies of the hand 569 Schwarz. Roentgenographic features of a new congenital dysplasia 351 Sesgin. Incidence of congenital defects 556

ANOXEMIA

See Anesthesia-accidents during

ANTARCTICA

See Dentistry-in Antarctica

ANTIBIOTICS

See also Penicillin

Chemistry of antibiotics 40 Daikos. Antibacterial effects of tetracycline and oleandomycin 93

Danielewiczowa. Reactions of the human oral flora to two specific antibiotic compounds 471 Evrard. Contraindications to the use of certain drugs in pilots and drivers 94

Fisher. Susceptibility of staphylococci to chlorampheni-col; a survey of experimental and clinical experiences 92 Marggraf. Clinical experience with erythromycin as a

Marggraf. Clinical experience with erythromycin as a prophylactic antibiotic 484 Meyer-Rohn. Experimental and clinical experiences with demethylchlortetracycline 350 Patočka. Antibody formation after administration of antibiotics of the tetracycline series 282 Penicillin-streptomycin combinations 498 Petersdorf. Sensitivity of hemolytic staphylococci to a series of antibiotics: a three-year progress report 92 Ping. Ilosone, the propionyl ester of erythromycin 33 Renaud. Potential effects of neomycin on tumor growth 154

154

Schuppli. Allergic reactions to antibiotics 349
Waisbren. Comparative clinical effectiveness and toxicity
of vancomycin, ristocetin and kanamycin 345
Weichold. Local antibiotics in dental practice: tyrothricin-xanthocillin combination 656

IN ROOT CANALS: See Root canal treatment-sterilization IN VINCENT'S INFECTION: See Vincent's infection

ANTIENZYMES

See Enzymes

ANTIHISTIMINICS See Histamine

ANTISEPTICS, GERMICIDES

See also Sterilization and asepsis Artz. Protection of the surgical wound with a new plastic film 486

Bettley. Some effects of soap on the skin 49 Homann. Use of isopropyl alcohol for disinfection of the

Schlosser. Foot and mouth disease: oral manifestations in man 693

APHTHOUS STOMATITIS

See Stomatitis-aphthous

APICOECTOMY
Baurmash. Total root amputation 616

ARGENTINA

See Dentistry-in Argentina

ARIBOFLAVINOSIS

See Deficiency diseases

ARMY AND NAVY RECRUITS

Physical standards—dental requirements
Pierce, Combination of inferior dentition and psychiatric maladjustment in naval recruits 121

ARMY DENTISTRY

See Dentistry-military and naval

ARMY DRAFTEES

See Army and Navy recruits

ARTHRITIS

See also Focal infection-arthritis

ARTICULATION AND OCCLUSION
See also Mandibular movements

ARTIFICIAL TEETH

Bergman. Test denture for masticatory studies 678
Boccaletti. Importance of the occlusal plane and of its relation to the inclination of the condylar path in com-Pelation to the minimator of the condynal paint in Pelation to the minimator of the condynal paint in Pelation to the Condynal paint in Pelati

Stromberg. complete dentures 617

NATURAL TERTH: See also Occlusion-restoration to normal

ARTIFICIAL RESPIRATION

See First aid

ASEPSIS, DENTAL See Sterilization and asepsis

ASIA

See Dentistry-in Asia

ASPHYXIA

DURING ANESTHESIA: See Anesthesia-accidents during

ASPIRIN

See Materia medica and therapeutics; See also Analgesiaaspirin

ASSOCIATIONS AND SOCIETIES, DENTAL

Dues and membership in scientific societies 457 Stewart.

ATABAXICS

See also Premedication; Sedatives

Anderes. Anxiety, apprehension and fear at the dental office 32

Bucher. Pharmacological principles 348
Dobkin. Antisialogogue effect of phenothiazine derivatives: comparison of promazine, levomepromazine, trifluoperazine, proclorperazine, methdilazine and prothipendyl

Lear. Ataraxic drugs in preanesthetic medication 712 Loranger. Placebo effect in psychiatric drug research

Sinclair. Clinical trial of a tranquilising drug (Pacatal) in dentistry 219

ATOMIC ENERGY

Cohen. Use of radioactive materials in dental research 565

Going. Effectiveness of cavity liners demonstrated with radioactive isotopes 564
Priester. Possible future use of radioisotopes in dentistry

ATTRITION OF TEETH See Erosion and abrasion

AUDIO ANALGESIA See Analgesia-audio

AUDIOVISUAL EDUCATION IN DENTISTRY See Education, dental-audiovisual

AUSTRALIA

See Dentistry-in Australia; See also caries, dental-in Australia Technicians, dental-in Australia

AUSTRIA

See National health insurance-in Austria

AVITAMINOSIS

See Deficiency diseases

B

BACTERIOLOGY

Dubos. Health and disease 313 Fisher. Susceptibility of staphylococci to chlorampheni-

col: a survey of experimental and clinical experiences 92
Fitzgerald. Dental calculus in the germ-free rat 151
Reimann. Variation of Staphylococcus pyogenes var. albus and aureus 292 Bacterial invasion of blood following oral Schirger. surgical procedures 362

ORAL: See also Virus diseases

Bahn. Addition of bacteriostatic agents to acrylic resins 565

Berger. Inflammatory marginal periodontal disease: microbiologic studies 429

Lactobacillus and dental caries 508; Role of Ribby. bacteria in periodontal disease 272 Collins. Antimicrobial effect of the exudate from the healthy gingival crevice 598

Cragg. Properties of oral mucus 423

Dubay. Appearance of Klebsiellae in the mouth and the upper respiratory tract 291

Study of oral strains of Lactobacillus spp.: eatherstone. the effect on diet upon indigenous and implanted strains 291

Hafer. Relation between caries incidence and salivary lactobacillus count in school children 238 Antibiotic-resistant staphylococci: their signifi-Jensen.

cance in dental practice 553
Krasse. Effect of consistency of diet on bacteria in gin-

Krasse.

Arasse. Effect of consistency of the on bacteria in gin-gival pocket in dogs 175 Melville. Bacteria isolated from root canals during endo-dontic treatment 553; Bacteria on toothbrushes 731 Petersdorf. Sensitivity of hemolytic staphylococci to a series of antibiotics: a three-year progress report 92
Shuttleworth. Aetiological significance of Candida albicans in chronic angular cheilitis and its treatment with nystatin 33

Inactivation of microorganisms by ultraviolet radi-Stuy. In ation 552

BALANCED OCCLUSION

See Articulation and occlusion-artificial teeth

BARBITURATES

See Materia medica and therapeutics and subheadings

BASE PLATES

See Denture bases

BEDRIDDEN PATIENTS
See Ill and aged-dentistry for

BELL'S PALSY See Palsy-Bell's

BENIGN TUMORS See Tumor

BETA-GLUCURONIDASE See Enzymes

BIOCHEMISTRY See Chemistry

BIOPSY

Moskow. Calcifications in gingival biopsies 429 Shafer. Comparison of surveys of dental school biopsy services 585

BITE

Kawamura. Studies on oral sensory thresholds: 1. The discrimination of small differences in thickness of steel wires in persons with natural and artificial dentitions 202

OPENING: See also Occlusion-restoration to normal

BLOCK ANESTHESIA See Anesthesia and anesthetics, local-block

BLOOD

CIRCULATIO!

Functional ischemia of the tip of the tongue 600 Vascular architecture of the human dental pulp Balogh. Kramer. 235 Weber. Impaired blood circulation: a possible cause of

trigeminal neuralgia 662

COAGULATION: See also Hemorrhage-control

Behrman. Dental surgery during continuous anticoagu-

lant therapy 481

Doku. Thromboplastic activity of human saliva 467

Roberts. Control of bleeding after dental extraction during anticoagulant therapy 480 Rosolleck. Streptokinase in the treatment of postopera-

tive complications arising after surgical repair of jaw fractures 219

DISEASES

Hemophilia B (Christmas disease): report of Crolle. case 353

case 365 Gobbi. Congenital deficiency of proaccelerin (Owren's disease): report of case 296 Kasperlik. Leukergy associated with drug allergy 670

EXAMINATION

Hallick. Hypoglycemia: general considerations and report of a case 180

PLASMA

Winstock. Dental extractions in hemophilia: plasma therapy without dental splints 614

BLUE CROSS AND BLUE SHIELD See Insurance-hospital

Bone density and fluoride ingestion 729

COMPOSITION

McConnell. Relation between inorganic chemistry and biochemistry of bone mineralization 421

DISEASES: See also Dysplasia-osseous; Osteitis; Osteomye-Eckmann. Bone tumors: cancer diagnosis for the general practitioner 152

GRAFTS

Fiala. Behavior and fate of bone-cartilage grafts 661 Roccia. Postoperative treatment of pathologic jaw cavities 485

Cancellous bone grafts in treatment of chronic osteomyelitis, skull defects and mandibular fractures 336

Haataja. Osseous development of children undergoing orthodontic treatment 593

TRANSPLANTS: See-grafts, listed above

BOOKKEEPING AND RECORDS See Records and record keeping

BREAD

See Caries, dental-sugar and starch in relation to

BRIDGEWORK

Gaerny. Closure of anterior bridges 547 Closure of interdental spaces with removable Rationale of the indirect restoration 550 Hollenback. Rationale of the indirect restoration 550 Karlström. Follow-up examinations of bridges prepared by the Pontostructor method 550

BROKEN NEEDLES

See Needles-broken BRUXISM

See Gritting or grinding teeth

BULGARIA

See Dentistry-in Bulgaria; See also Community and school dental service-in Bulgaria BURS

See Cavities-preparation

C

CALCIFIC DEPOSITS See Calculus-salivary

CALCIFICATION OF TEETH See Teeth-calcification

CALCIUM

Posner. Hydrogen-bonding in calcium-deficient hydroxyapatites 597 METABOLISM: See Metabolism-calcium

CALCULUS

SALIVARY

Baer. Experimental calculus formation in the rat 724 Calculus surface index used for scoring clinical calculus studies 608 Dental calculus in the germ-free rat 151

Fitzgerald. Dental calculus in the germ-free rat 15. Forsberg. Dental calculus: a biophysical study 559

See Dentistry-in Canada

CANADIAN DENTAL ASSOCIATION
McIntosh. Canadian Dental Association 106

CANCER

ORAL: See also Tumors

Barth. Ultra-hard roentgen rays in the treatment of malignant oral tumors 490 Mechanical irritation of the oral mucosa, a causative factor in the etiology of carcinoma 652 Catlin. Radiation treatment of cancer of the mouth, pharynx, larynx and neck 554 Dogliotti. Senescence and hormonal factors in the development of cancer 27

Eckmann. Bone tumors: cancer diagnosis for the general practitioner 152; Cancer diagnosis for the general

practitioner 27
Fasske. Early morphologic detection of malignant changes in the mouth 554

changes in the mouth 554
Husted. Cancer of the oral cavity from the dentist's
point of view 227
Menning. Precancerous lesions in the oral cavity 414
Meyer. Current therapy of oral cancer 387
Mitchell. Determining the tumorigenicity of dental ma-

terials 422

Sandler. Exfoliative cytology for detection of early mouth cancer 284

Sharp. Premonitory mucosal symptoms and signs of oral carcinoma 422; Treatment of precancerous oral mucous membranes 412
Sundaram. Behaviour of malignant cells to irradiation therapy in carcinoma of the oral cavity 97

Uhlmann. Radiation therapy of carcinoma of the tongue

Umiker. Diagnostic and prognostic value of oral smears in the radiotherapy of carcinoma of the oral cavity and oropharynx 421; Oral smears in the diagnosis of carcinoma and premalignant lesions 29

Voutilainen. Cancer of the tongue: review of 137 case reports 153

CANKER SORE

See Stomatitis-aphthous; See also Herpes

CARABELLI'S TUBERCLE See Anatomy-oral

CARBONATED BEVERAGES

See Caries, dental-sugar and starch in relation to

See Cancer; See also Tumors

CARDIAC DISEASE See Heart disease

CARDIAC MASSAGE

See First aid; See also Anesthesia-accidents during

CARIES, DENTAL

Berggren. Unreliability of caries recording methods 610 Bradford. Dentin, a barrier to caries 538 Jolly. Pathology of carious human dentine 22 McMillan. Electron microscopy of early enamel caries

593 Nagano.

Nagano. Relation between the form of pit and fissure and the primary lesion of caries 426 Welander. Partial recording of dental caries 398

DIAGNOSIS

Gonzalez. Dental caries as a syndrome 150

DIET IN RELATION TO: See also-sugar and starch in relation to, listed below; Diet and nutrition-relation to teeth Albanese. Pathogenesis of dental caries: endogenous factors 173

Cremer. Nutrition and dental caries 526
McClure. Phosphorus and calcium supplements to bread diets reduce caries in rats 465

Russell. Dental surveys in relation to nutrition 366 Sobel. Interrelation of tooth composition, body fluids, diet and caries susceptibility 595

ETIOLOGY AND CONTROL: See also special therapy, i.e.—fluoride for prevention and subheadings, listed below Albanese. Pathogenesis of dental caries: endogenous factors 173

Bibby. Lactobacillus and dental caries 508 Gilders. Dental caries, causative factors and Gilders. Dental caries, causative factors and a proposed method of prevention 526 Haldi. pH on the teeth of albino rats under various

conditions conducive to dental caries 36 Hereditary and infectious components of dental caries 529

Herrmann. Cooperation between dentists and physicians

in the prevention of dental caries 368
Hoffer. In vivo and in vitro studies of dental caries 464
Honorato. Influence of psychic trauma on the production
of dental caries in the rat 172
Jackson. Index for assessing the efficacy of dental treatment in caries control 696

ment in caries control 696

Lutomska. Anticariogenic effects of vanadium demonstrated in experimental animals 527; Effects of three trace elements on dental caries experimentally produced in Syrian golden hamsters 239 Prevention of dental caries 506

Topical stannous fluoride in a pedodontic Rothhaar. practice 464
Schatz. Some historical reflections on dental research:

A comparison of the septic and proteolysis-chelation theories of caries 241

Studies on the inheritance of dental caries 599 Shaw. Possible role of hyaluronidase in the incipient carious lesion 362

Strålfors. Distribution of caries in hamsters 700

Straitors. Distribution or caries in nainsters root.

Tank. Effect of naturally occurring selenium and vanadium on dental caries 117

Turner. Biochemical pattern basic to tooth decay 167

Weber. Parotid saliva and its relation to dental caries

FLUORIDE FOR PREVENTION
Action of fluorine in prevention of dental caries 55
Arnold, Jr. Sodium fluoride tablets for children 368
Berggren. Supervised toothbrushing with a sodium
fluoride solution in 5,000 Swedish school children 396 Bibby. Prenatal exposure to fluorine 697 Cremer. Fluorine dosages 116

Dudenbostel. Use of systemic fluoride by American dentists 176

Emslie. Chewing gum as a vehicle for the administra-tion of fluoride 507 Grissom. Fluoride dilemma for public health educators

728

Hendershot. Fluorine supplement for infants 700 Krušič. Caries-reducing effects of tablets containing cal-cium fluoride in Slovenian school children 243

Peacock. New approach to dental caries 116
Pollak. Caries prevention by administration of Mulga-tum F tablets 119 Fluorine content of bread 172 Schait-Bonissone.

Schait-Bonissone. Fluorine content of bread 172
Tempestini. Combined effect and action of vanadium
and fluorine on experimental caries 303
Weisz. Reduction of dental caries through use of a

sodium fluoride mouthwash 118 Ziemnowicz-Glowacka, Sodium fluoride tablets as a

means to reduce the incidence of caries in kindergarten pupils 397

FLUORIDE FOR PREVENTION—IN WATER SUPPLIES
Adriasola E. Second evaluation of fluoridation in Curico-San Fernando, Chile, 1959 728 Backer Dirks. Netherlands 730 Fluoridation of water supplies in The

Bernier. Fluoridated water and dermatitis 730

Dunning. Biased criticism of fluoridation 174 Fluoridation in Canada, 1961 697 Fluoridation: the case for action 529

Hagen. Does fluoridated drinking water result in an un-pleasant aftertaste? 303

Hornung. C sclerosis 372 Chronic fluorine poisoning and osteomyelo-

Jiráskova. Fluoridation of drinking water in Czecho-

Justicova. Fluoridation of driming water in Czecno-slovakia: The Tabor project 508 Law. Topical applications of fluoride solutions in den-tal caries control 530 Leone. Effects of the absorption of fluoride 40

Leone. Effects of the absorption of nuorace 45 Lutomska. Effects of three trace elements on dental caries experimentally produced in Syrian golden hamsters

Medical and biological aspects of fluoridation 305 Phillips. Status of fluoridation in the United States and Canada, 1958: task group report 55

Plaut. Practical politics and public health: how a fluori-dation referendum was won 370 Fluoridation recommended one hundred Proskauer.

years ago 456
Schultz. Results of the 1959 dental survey, Milwaukee, Wisconsin, after six years of fluoridation 56 Strontium 90 and fluoridated water 101

Yoon. Distribution of fluoride in teeth from areas with different levels of fluoride in the water supply 167

FLUORIDE FOR PREVENTION-TOPICAL APPLICATION Hester. Clinical acceptance of stannous fluoride prophylaxis paste 505

Kurahashi. Electron microscopy on structural changes on enamel surface due to stannous fluoride 552 Muhler. Practical method for reducing caries in children

Technic of applying stannous fluoride topically to teeth 698

in low fluoride areas 609

IN CHILDREN: See also-incidence, listed below; Statisticsdental defects

Bazant. Incidence of dental caries in Czechoslovakian school children during the period of from 1949 to 1953 58

Biometric study of caries-free children 610 Bergström. Donnelly. Comparative study of caries experience in Adventist and other children 528

Incidence of dental caries in German school Franke. children 367

Lauterstein. Sugar intake and caries in children 397 Lilienthal. Knutson's index applied to Formosan, Australian and Indonesian children 695

Mansbridge. Influence of family size on the prevalence of dental caries in children 304 Sehgal. Relative incidence of caries in the different

deciduous teeth 367 Szwejda. Observed differences of total caries experience

among white children of various socioeconomic groups

INCIDENCE: See also Statistics—dental defects

Johnson. Dental caries experience of mongoloid children

371

Jordan. Effect of stannous fluoride dentifrice on the incidence of dental caries 595 Russell. Dental surveys in relation to nutrition 366

Steinman. Effect of stress upon the incidence of dental caries 371

INCIDENCE-AUSTRALIA

Lilienthal. Knutson's index applied to Formosan, Australian and Indonesian children 695

Incidence, Czechoslovakia

Bazant. Incidence of dental caries in Czechoslovakian school children during the period of from 1949 to 1953 58

INCIDENCE, GERMANY
Franke. Incidence of dental caries in German school

children 367 Hafer. Relation between caries incidence and salivary lactobacillus count in school children 238 Hülsmann. "Circular" carious lesions in deciduous an-

terior teeth 698

INCIDENCE, INDIA

Sehgal. Relative incidence of caries in the different deciduous teeth 367

INCIDENCE-INDONESIA
Lilienthal. Knutson's index applied to Formosan, Australian and Indonesian children 695

INCIDENCE, NEW ZEALAND

Dental caries and soil constituents in New Zealand 306 Ludwig. Caries prevalence amongst dentists' children 396

INCIDENCE, SWEDEN

Bergström. Clinical study of caries-free five year old children 396

INCIDENCE, YUGOSLAVIA

NJEMIROVSKIJ. Incidence of dental caries in Yugoslavia: the role of dental research 172

SUGAR AND STARCH IN RELATION TO

Lauterstein. Sugar intake and caries in children 397 Lemkin. Rampant dental caries caused by sucking candy lozenges 537 Takeuchi. Relation between dental caries and sugar

consumption 696 Weiss. Between-meal eating habits and dental caries experience in preschool children 120

SUSCEPTIBILITY STUDIES

Ericsson. Relationship between saliva and dental caries 527

CARTILAGE
Baume. Response of condylar growth cartilage to induced stresses 721

GRAFTS: See Grafts-cartilage

CASE RECORDS

See Records and record keeping

CASTING

See also Metallurgy, dental

GOLD

Kovalski. Technic for casting gold to gold and for repairing dentures 342

STAINLESS STEEL AND CHROME ALLOYS
Asgar. Effect of casting conditions on some mechanical properties of cobalt-base alloys 708 Harcourt. Fractures of cobalt-chromium castings 475

CAVITIES

Nagano. Relation between the form of pit and fissure and the primary lesion of caries 426

LINING

Going. Effectiveness of cavity liners demonstrated with radioactive isotopes 564
Hoppenstand. Mechanical failure of amalgam restorations with and without cement bases 482

Messing. Polystyrene-fortified zinc oxide-eugenol cement 483

PREPARATION

Ireland. Class II cavity preparation in deciduous teeth

Morrant. Development and application of modern methods in cavity preparation: Part IX. The materials and design of cutting points 332 Stanley. Biological effects of various cutting methods

in cavity preparation: the part pressure plays in pulpal response 264

PREPARATION—high speed technics
Drum. "Suctomat," a saliva ejector designed for ultrahigh speed cavity preparation 619
Herzberg. Analysis of pain incidence during dental
operative procedures with rotating instruments at inter-

mediate and high speeds 334 Kazantzis. Air contamination from high-speed dental

drills 679

Grills 579
Kramer. Changes in dentine during cavity preparation using turbine handpieces 146
Robinson. Effect of the ultra-high-speed air turbine drill on the conduct of a general dental practice 216
Schuchard. High-speed and ultra-high-speed cutting equipment is evaluated 533

CELLS

See Cytology

CELLULITIS

See also Swellings of face and neck

Hoppenstand. Mechanical failure of amalgam restorations with and without cement bases 482

SILICATE

Dental products containing glass fiber 564 McConnell. Compressive strength of "reinforced" silicate cement 474

ZINC OXIDE

Messing. ment 483 Polystyrene-fortified zinc oxide-eugenol ce-Phillips. Zinc oxide-eugenol mixtures 674

CEPHALOMETRY

Barber. Evaluation of the oblique cephalometric film 715 Modica. Cephalometric orientation in edentulous pa-

tients 202

See Porcelain-in dentistry

CEREBRAL PALSY

See Palsy-cerebral

CHEILITIS See Lip-lesions

CHEMISTRY

DENTAL Hydrogen-bonding in calcium-deficient hydrox-Posner. yapatites 597
Turner. Biochemical pattern basic to tooth decay 167

CHEMOTHERAPY See Antibiotics; See also Penicillin; Sulfonamides

CHEWING GUM

Emslie. Chewing gum as a vehicle for the administra-tion of fluoride 507

See Children, Dentistry for and subheadings PRESCHOOL: See Children, Dentistry for-preschool CHILDREN, DENTISTRY FOR

ANESTHESIA AND ANESTHETICS

Klopp. Local anesthesia produced by suggestion in the child patient 546 Stephen. Body temperature regulation during anesthesia in children 405

FLUORIDE APPLICATIONS: See Caries, dental-fluoride for prevention-topical application

OPERATIVE PROCEDURES
Ireland. Class II cavity preparation in deciduous teeth Use of the air driven handpiece in dentistry for Yeo. children 85

PERIODONTAL DISEASE

Harris. Periodontal d Periodontal disease in a group of school chil-Ramfjord. Periodontal status of boys 11 to 17 years old in Bombay, India 694

PRESCHOOL
Calisti. Correlation between malocclusion, oral habits, and socioeconomic level of preschool children 58
Weiss. Between-meal eating habits and dental caries experience in preschool children 120

PROSTHETICS
Bjorndal. Partial dentures as space maintainers 494 ROENTGENOLOGY

Yale. Measurement of gonadal dose in children during intraoral radiography 86

See Dentistry-in Chile

CHLORAMPHENICOL See Antibiotics

CHLOROPROCAINE

See Anesthesia and anesthetics, local-chloroprocaine

"CHRISTMAS DISEASE" See Blood-diseases

CHROME ALLOYS

See Stainless steel and chrome alloys

CHRONIC ILLNESS

DENTAL CARE DURING: See Ill and aged, dentistry for

CLEANING TEETH

See Prophylaxis, dental; See also Oral hygiene; Tooth-brushes and Toothbrushing technic

CLEFT PALATE AND CLEFT LIP
Chambiras. Radiographic examination of normal velopharyngeal movements 423
Fuhrmann. Pathogenesis of facial clefts associated with syndactylia 500 Glover. Long-range evaluation of cleft palate repair

486

Gorlin. Hypertrophied frenuli, oligophrenia, trembling and anomalies of the hand 569 Loretz. Study of cleft lip and cleft palate births in California, 1955 692

Rank. Cleft lip and palate in Tasmania 375
Sesgin. Incidence of congenital defects 556
Slaughter. Changes in blood vessel patterns in bilateral cleft lip 336

ETIOLOGY

Asling. Development of cleft palate resulting from maternal pteroylglutamic (folic) acid deficiency during the latter half of gestation in rats 22 Woolam. Influence of thyroxine on the incidence of harelip in the "Strong A" line of mice 31

SURGICAL TREATMENT

Ivy. Some thoughts on posterior pharyngeal flap surg-ery in the treatment of cleft palate 408 Randall. Report on a foundation trip in Europe in 1959: statistics on cleft lip and cleft palate surgery 212 Schlegel. Surgical repair of facial clefts in Germany 211

CLEIDOCRANIAL DYSOSTOSIS

See Systemic conditions manifested in mouth-cleidocranial dysostosis

CLINICS

DENTAL: See also Community and school dental service Bibby. Dental clinics and dental research 722 Booth. Dental services in the Y.M.C.A. 243

Maletz. Experiences with a new mobile dental clinic 47

### COLLAPSE

740

See Shock, syncope and collapse

# COMMUNITY AND SCHOOL DENTAL SERVICE See also Clinics—dental

Warner. Dental health education programs for children 605 Stoll. Dental health inspection in the schools 461

#### IN BULGARIA

Schützmannsky. School dental health service and pedodontics in Bulgaria 163 Sipkovenska. School dental care in Bulgaria 238

School dental service 432

IN GERMANY
Wallentin. Oral hygiene and nutrition: survey of oral Wallentin. Oral hygiene and nutrition: survey of oral health conditions and breakfast contents of Westphalian school children 240

#### IN NETHERLANDS

Birman. Status of oral hygiene in Dutch school chil-dren 524

### IN POLAND

Ziemnowicz-Glowacka. Sodium fluoride tablets as a means to reduce the incidence of caries in kindergarten pupils 397

#### IN SWEDEN

Berggren. Supervised toothbrushing with a sodium fluo-ride solution in 5,000 Swedish school children 396

### IN YUGOSLAVIA

Caries-reducing effects of tablets containing calcium fluoride in Slovenian school children 243

#### COMPARATIVE ANATOMY

See Anatomy-comparative, dental

See Temporomandibular joint; See also Articulation and occlusion

#### CORTISONE

See Endocrine glands and hormones-therapy

# COSTEN'S SYNDROME

See Temporomandibular joint-diseases and dysfunctions

#### CROUZON'S DISEASE

See Systemic conditions manifested in mouth-Crouzon's disease

#### CROWNS

Tamarin. Anterior veneer crowns with gold backings 533

# CURETTAGE

See also Periodontal disease-treatment-conservative

#### CURRICULUM, DENTAL

See Education, dental-curriculum

#### CYCLOPROPANE

See Anesthesia and anesthetics, general-cyclopropane

#### CYSTS Essential lacunae of the lower jaw: mandibular solitary

Observations on the development of oxytalan Fullmer. fibers in dental granulomas and radicular cysts 169 Gorlin. Multiple nevoid basal-cell epithelioma, jaw cysts and bifid rib: a syndrome 45

Jayne. Cysts and tumors of the mandible 715 Rickles. Gingival and lateral periodontal cysts: report of two cases 110 Shear. Primordial cysts 225

# CYTOLOGY

See also Histology-dental

Sandler. Exfoliative cytology for detection of early mouth cancer 284 Observations on the origin of salivary leuko-Sharry.

cytes 424

#### CZECHOSLOVAKIA

See Dentistry-in Czechoslovakia; See also Caries, dental-incidence, Czechoslovakia; Education, dentalin Czechoslovakia

#### DEAFNESS

CAUSED BY RETRUSION OF MANDIBLE: See Temporomandibular joint-diseases and dysfunctions

#### DECIDUOUS TEETH

See Teeth-deciduous; See also Children, Dentistry for DEFICIENCY DISEASES Fatzer. Plumbism and avitaminosis as probable causes

of periodontal disease: report of two cases 330
Kressner. Unpleasant salty taste in the mouth 361
Tolew. Riboflavin avitaminosis in North Korea 239

## DEGLUTITION

Drewer. Abnormal swallowing habits 545

#### DENTAL SERVICE CORPORATIONS See Insurance-group

#### DENTIFRICES

Dudding. Patient reactions to brushing teeth with water, dentifrice, or salt and soda 573 Ross. Treatment of hypersensitive teeth with a strontium chloride dentifrice 499

der Woerd. Toxicity tests with five brands of tooth paste 607

# FLUORIDE

Jordan. Effect of stannous fluoride dentifrice on the incidence of dental caries 595
Segreto. Stannous fluoride, silex, silicone dental prophylaxis paste 528

#### DENTIN

Bradford. Dentin, a barrier to caries 538

Kohári. Study of enamel and dentin in persons of different ages 468 Changes in dentin during cavity preparation Kramer.

using turbine handpieces 146
von Kreudenstein. Enzymatic activity in dentin fluid 41

#### SECONDARY

Formation of secondary dentin in deciduous Isokawa. teeth 38

Sensitive Ross. Treatment of hypersensitive teeth with a stron-

#### DENTISTRY

By COUNTRY: See also listings below, i.e.—in Australia;—in England, etc.; names of countries for special listings referring to country in question

# DEVELOPMENT: See also History-dental Gullett. Social trends in dentistry 633

HISTORY: See History-dental

### IN AFRICA

Rowberg. Medical and dental mission work in Africa 436

IN ANTARCTICA
Perlitsh. Gingival health in personnel wintering in Antarctica 732

# IN ARGENTINA

Bagur. Dentistry in Buenos Aires at the beginning of the nineteenth century 171

# IN ASIA

Allwright. Dentistry in Asian countries 230

# IN AUSTRALIA

Future of dentistry in Australia 364 Rank. Cleft lip and palate in Tasmania 375

IN BULGARIA

Burkov. Chronic endemic fluorosis in Banja, Bulgaria 119 Davidov. Incidence of prognathism in nungana and Nossek. Classification and nomenclature of periodontics

# IN CANADA

Fluoridation in Canada, 1961 697

Adriasola E. Second evaluation of fluoridation in Curico-San Fernando, Chile, 1959 728

#### IN CZECHOSLOVAKIA

Jiráskova. Fluoridation of drinking water in Czecho-slovakia: The Tabor project 508

IN ENGLAND

Moore. Dental care of geriatric hospital patients 43 The Register 432

IN EUROPE

Report on a foundation trip in Europe in 1959: statistics on cleft lip and cleft palate surgery 212

IN GERMANY

Hornung. C sclerosis 372 Chronic fluorine poisoning and osteomyelo-Schlegel. Surgical repair of facial clefts in Germany 211

IN INDIA

Ramfjord. Periodontal status of boys 11 to 17 years old in Bombay, India 694

IN TABAN

Imagawa. Research in periodontology in Japan 273 Blessed twig: a historical walk with Japanese toothpicks 298

IN KOREA

Tolew. Riboflavin avitaminosis in North Korea 239

Pechard. Native dentists in Laos 163

IN NETHERLANDS

Fluoridation of water supplies in The Backer Dirks. Netherlands 730

IN NORWAY

Toverud. Dentistry in Norway 229

Binder. Albert Schweitzer Hospital in Peru 182

Ramirez. Dentistry in the Philippines today 111

IN RUSSIA

Bassalyk. History of stomatological education in pre-revolutionary Russia 520

IN SWITZERLAND Helveter. Dentists, dental technicians, "tooth practi-tioners" and "denturists" in Switzerland 111

IN THAILAND Harris. Periodontal disease in a group of school children in Thailand 693

IN UNITED STATES

Fleming. Dental specialties in the United States 635 Halliday. Some observations on American orthodontics 454

INTERNATIONAL RELATIONSHIPS
Hollinshead. Foreign students and faculty members in United States dental schools 587 World Refugee Year and the dental profession 48

MILITARY AND NAVAL

Szmyd. Restorative dentistry workload of U.S. Air Force Dental Service 177

PRACTICE: See Practice, dental

PREPAYMENT PLANS: See Economics-dental-prepayment plans

PREVENTIVE: See Preventive dentistry

RELATION TO MEDICINE: See Medicine-relation to dentistry

SOCIALIZED: See Socialized dentistry

#### DENTISTS

CHILDREN'S: See Children, Dentistry for IN HOSPITALS: See Hospitals-dental service STATISTICS: See Statistics-dentists

DENTITION

See also Eruption of teeth

DELAYED

de Jonge. Primary tooth retention in the deciduous and permanent dentition 178 Lysell. Persistence of deciduous teeth to an advanced age: report of four cases 628

DENTURE BASES

Nyquist. Methods to describe the surface structure of nonmetallic baseplate materials 602

ACRYLIC RESIN

Bahn. Ad resins 565 Addition of bacteriostatic agents to acrylic

Langer. Unfavorable effects of inserted acrylic dentures on the oral mucosa 201

Miyamoto. Study on causes of cracks in resin material for denture plate 201

ALUMINUM

Ryan. Use of Duralumin-type alloys in constructing skeleton partial dentures 143

#### DENTURES

ARTICULATION AND OCCLUSION: See Articulation and occlusion-artificial teeth

Devin. Significance of phonetics in complete denture service 651

Speer. Evaluation of the adaptation period needed for rearing complete dentures 723
tromberg. Use of vibration in refining the occlusion of Stromberg. complete dentures 617

ESTHETICS

Value of esthetics in complete denture service 648

Full: See-complete, listed above

LESIONS CAUSED BY

Kressner. Unpleasant salty taste in the mouth 361 Langer. Unfavorable effects of inserted acrylic dentures on the oral mucosa 201

Travaglini. Resilient liners for dentures 143

PARTIAL: See Partial dentures

REBASING
Gillis. Relining technique for mandibular dentures 21

RETENTION

Östlund. Saliva and denture retention 268

STABILIZATION: See Impressions-technic

SURGICAL PREPARATION FOR: See also Alveolectomy Virtanen. Deepening of the whole floor of the mouth for satisfactory prosthetic treatment: A combined sub-mucosal plastic operation 18

TISSUE CHANGES UNDER: See also-lesions caused by, listed van Thiel. Alterations in tissues underlying complete dentures 344

DERMATITIS

See also Allergy

OCCUPATIONAL

Contact dermatitis caused by wearing surgical Böhne. gloves 417 Wallace. Occupational dermatitis in dentists 47

DEXTRO PROPOXYPHENE HYDROCHLORIDE See Analgesia-dextro propoxyphene hydrochloride

DIABETES AND DENTISTRY

See Systemic conditions manifested in mouth-diabetes

DIAGNOSIS

Gooddy. Syndromes 460

ORAL: See also Biopsy; Systemic conditions manifested in mouth; Pathology—oral Best. Importance of diagnosis and treatment planning in endodontic practice 195 Schneider. Classification of clinical syndromes, a guide for dental and oral diagnosis 103

Oral surgery: See also Oral surgery; types of lesions, i.e. Cancer-oral; Tumors, etc.
Kaufman. History and physical appraisal of a patient

ORTHODONTICS: See Orthodontic diagnosis and measure-

ROENTGENOLOGY: See Roentgenology-in oral diagnosis

DIES

Hoppenstand. Production of silver surfaces on dental Östlund. Epoxy resins as die material 475

DIET AND NUTRITION

Dental caries and soil constituents in New Zealand 306

PERIODONTAL CONDITIONS

Brencic. Nutritional aspects or periodonical disease 137 Cohen. Comparative studies in periodontal disease 137 Russell. Periodontal disease and nutrition in Eskimo men. 604

RELATION TO TEETH: See also Caries, dental-diet in relation to

Bastien. Diet, its dynamics and dental disorders 120 Johansen. Nutrition, diet, and calcium metabolism in dental health 176 Krasse. Effect of consistency of diet on bacteria in

gingival pocket in dogs 175

DIET, PRIMITIVE

Russell. Dental caries and nutrition in Eskimos 695

DIETETICS

See Diet and nutrition

DISINFECTION AND DISINFECTANTS See Sterilization and asepsis; See also Antiseptics, germi-

See Education, dental-dissertations and theses

DISTRIBUTION OF DENTISTS See Statistics-dentists

DRAFTEES

See Army and Navy recruits

DRUGS

See Materia medica and therapeutics and subheadings Laws: See Laws and legislation-Federal Food, Drug and Cosmetic Act; See also Prescription writing

DRY SOCKET

See Extraction-dry socket

DYCLONINE

See Anesthesia and anesthetics, local-topical

See also Endocrine glands and hormones Schwarz. Roentgenographic features of a new congenital dysplasia 351

Osseous: See also Bone-diseases Tanner. Sarcoma complicating fibrous dysplasia 653

### E

DISEASES: See Temporomandibular joint-diseases and dysfunctions

ECONOMICS

DENTAL: See Practice, dental

DENTAL-FEES

Birath. Procedure for collection of dental fees 251

DENTAL-PREPAYMENT PLANS

Smith. Service requirements in dental prepayment 506

DENTAL-TAXES

Proper prospective 343

SCALE OF FEES: See-dental-fees, listed above

EDEMA

Findeisen. Treatment of Quincke's edema 347 Kautz. Buccal and intramuscular use of streptokinase-streptodornase 30 Schneider. Evaluation of Orenzyme for prevention of postoperative edema 562

EDUCATION, DENTAL Fogarty. Need for more dental education facilities 666 Hollinshead. Foreign students and faculty members in United States dental schools 587 Kroepsch. Report of the New England regional medicaldental education plan 392 Shafer. Comparison of surveys of dental school biopsy services 585

AUDIOVISUAL Feddema, X-ray television and roentgenocinematog-

Verne. Visual aids in scientific lectures 686

COURSES IN PUBLIC HEALTH Sebelius. Tennessee dental extern program 241

CURRICULUM: See also Education, dental-subheadings for various special types of education, i.e.-courses in public health,-teaching methods Blackerby. Why not a Department of Social Dentistry?

Disserations and Theses
Doctoral and Masters' dissertations 60; 124; 188; 317; 380; 446; 510; 575; 638; 702

HISTORY

History of the International School of Ortho-Edwards. dontia 584 IN CZECHOSLOVAKIA

Postgraduate dental education in Czechoslo-Kubin. vakia 295

IN ENGLAND Bingay. Training school for dental auxiliaries 247

IN FRANCE Hermann. Reform of dental education in France 392

IN GERMANY

Bery. Dental education in Germany 521 Fröhlich. Fiftieth anniversary of the Dental Institute of the University of Tübingen, Germany 245

IN VENEZUELA

Cohn. New dental school in Caracas, Venezuela 293

Nurses: See Nurses-education

POSTGRADUATE: See also Education, dental-subheadings for various specialties Darley. Philosophy and objectives of graduate education 589 Sognnaes. Recent trends in American dentistry 589

PREDENTAL REQUIREMENTS

Howard. How much English does a dentist need? 249

RESEARCH

Quarantelli. Attitudes of dental students toward specialization and research 294

ROENTGENOLOGY

Barr. Research opportunities in teaching dental roentgenography 587

SPECIALISTS

Quarantelli. Attitudes of dental students toward specialization and research 294

TEACHING METHODS: See also Education, dental and subheadings for various specialties Flesch. Demonstration program for the teaching of comprehensive dentistry 246

TECHNICIANS: See Technicians, dental

VISUAL: See-audiovisual, listed above

EDUCATION, MEDICAL

See Medicine-education

EDUCATION, PREDENTAL See Education, dental-predental requirements

EDUCATION OF PUBLIC

Arnim. How to educate high school students in oral hygiene 307 Grissom. Fluoride dilemma for public health educators 728 Plaut. Practical politics and public health: how a fluoridation referendum was won 370

Donaldson, Development of the application of electricity to dental surgery up to 1900 302

ELECTROGALVANIC ACTION IN THE MOUTH

Eintracht. Oral galvanism 335 Okubo. Psychogalvanic phenomenon 680 Rubinstein. Corrosion in dental amalgam restorations

ELECTROMYOGRAPHY

Electromyographic study of the function of Ekholm. the lateral pterygoid muscle 166 Liebman. Electromyography in the study of the etiology of malocelusion 592 Ralston. Uses and limitations of electromyography 722 Siirilä. Electromyographic study of the function of the medial pterygoid muscle 593

Vyklický. Masseteric reflexes in patients with trigeminal neuralgia after neurotomy 466

#### **EMBRYOLOGY**

Prenatal exposure to fluorine 697 Schmidt. Gemination in the dentition of a lizard (Gerrhonotus multicarinatus webbii) 309

#### ENAMEL

Kohári. Study of enamel and dentin in persons of dif-ferent ages 468

#### COMPOSITION

Scott. Crystalline component of dental enamel 425

#### MOTTLED

Burkov. Chronic endemic fluorosis in Bania, Bulgaria 119

Muhler. Stannous fluoride enamel pigmentation-evidence of caries arrestment 244

Newbrun. Studies on the physical properties of fluorosed enamel—1. Microradiographic studies 38

#### SOLUBILITY: See Teeth-solubility

#### ENDEMIC DENTAL FLUOROSIS See Enamel-mottled

#### ENDOCRINE GLANDS AND HORMONES

Waller. Effect of high fluorine and iodine doses on the pituitary gland in rats 729

#### RELATION TO ORAL CONDITIONS

Feyrter. Possible endocrine effects of mixed tumors of the salivary glands 653 Kluczka. Effects of endocrine disturbances on the peri-

odontal tissues 599

Massler. Oral problems in postmenopausal women 537 Maurizio. Relations between gynecologic and oral diseases 24

Sohr. Relation between aphthae and endocrine function 178

Zegarelli. Discoloration of the teeth in patients with cystic fibrosis of the pancreas 558

#### THERAPY

Colombo. Hydrocortisone (compound F) acetate ointment in the treatment of periodontal disease 139

Fry. Topical use of corticosteroids for the relief of pain sensitivity of dentine and pulp 215 Philipsen. Hydrocortisone spray in the treatment of lesions of the oral mucous membrane 94 Rose. Anaphylactic reaction to aqueous chymotrypsin injection 160

injection 160

Schlotter. T costeroids 30 Treatment of pemphigus vulgaris with corti-

Effects of topical corticosteroids on aphthous

ulcerations 563
Weber. Androgen-estrogen therapy in osteoporosis of the jaws 348

#### ENDODONTICS

See Root canal treatment; See also Pulp and subheadings

#### ENDOTRACHEAL ANESTHESIA

See Anesthesia and anesthetics, general-endotracheal

## ENDOWMENTS AND FOUNDATIONS

W. K. Kellogg Foundation. Annual report for 1960 435

# ENGLAND

See Dentistry-in England; See also Community and school dental service-in England; Education, dental-in England; Technicians, dental-in England

#### ENZYMES

See also Hyaluronidase

See also Hyaluronicase
Cabrini. Role of the enzyme beta-glucuronidase in
healing oral wounds 471
Esposito. Diagnostic and prognostic significance of
variations in the serum levels of specific glycolytic enzymes and aminopherases in patients with oral tumors
or Hodgkin's disease 363
Carteful Facet level application of transic on

or Hoogkin's disease 303 Gustafson. Effect of local application of trypsin on postextraction alveolar ostetits 470 Hansen. Alveolitis sicca dolorosa (dry socket): fre-quency of occurrence and treatment with trypsin 404 Kantz. Buccal and intramuscular use of streptokinasestreptodornase 30

Oliver. Experimental use of proteolytic enzymes in the treatment of oral and associated lesions 160

Rose. Anaphylactic reaction to aqueous chymotrypsin

Rosolleck. Streptokinase in the treatment of postopera-tive complications arising after surgical repair of jaw fractures 219

Schneider. Evaluation of Orenzyme for prevention of postoperative edema 562 von Kreudenstein. Enzymatic activity in dentin fluid 41

#### **EPINEPHRINE**

See also Endocrine glands and hormones and subheadings Hallick. Hypoglycemia: general considerations and report of a case 180 Swelling of tongue 181

# EPITHELIAL ATTACHMENT

See Histology-dental

EPITHELIOMA
Gorlin. Multiple nevoid basal-cell epithelioma, jaw cysts and bifid rib: a syndrome 45

#### EQUIPMENT, DENTAL

New equipment 59; 123; 187; 253; 316; 379

#### MOBILE.

Stephens. C.O.N. portable anaesthetic apparatus 406

#### EROSION AND ABRASION

Beyeler. Tooth abrasions, gingival injuries and daily oral hygiene 51 Hardness of enamel and dentin 467; Studies Newbrun.

on the physical properties of fluorosed enamel-11. Microhardness 56 Schwindling. Partial denture design for patients with attrition of the anterior teeth 649

#### ERUPTION OF TEETH

See also Dentition
de Rudder. Tooth eruption and fingersucking 400
Fleming. Investigation of the vertical overbite during
the eruption of the permanent dentition 400
König. Eruption time of molars in experimental Sprague-Dawley rats 37

#### ERYTHEMA

MULTIFORME EXUDATIVUM: See Systemic conditions manifested in mouth-Stevens-Johnson syndrome

#### ERYTHROMYCIN

See Antibiotics

#### ESKIMOS

See Primitive people-dental conditions

# ESTHETICS, DENTAL

Periodontics as cosmetic dentistry: improv-Swenson. ing the patient's appearance 657 ACRYLIC RESINS: See Acrylic resins

IN DENTURE CONSTRUCTION: See Dentures-esthetics

#### ESTROGEN

See Endocrine glands and hormones-therapy

See Dentistry-in Europe

## **EXODONTIA**

See Extraction

### EXTIRPATION NEEDLE

See Root canal treatment

### EXTRACTION

Coxhead. Reasons for extractions in general practice 570 Howe. Prevention of damage to the inferior dental nerve during the extraction of mandibular third molars

McIntyre. Dental extractions in patients with heart disease 280

Grease 200 Tompsett. Dental extractions not a factor in 24 cases of bacterial endocarditis 614 Winstock. Dental extractions in hemophilia: plasma therapy without dental splints 614

#### DRY SOCKET

Erickson. Study of dry sockets 281
Hansen. Alveolitis sicca dolorosa (dry socket): frequency of occurrence and treatment with trypsin 404

#### IMPACTED TEETH

Schuhmacher. Removal of malposed lower third molars 141

IN ORTHODONTIC TREATMENT: See Orthodontic treatmentextraction

#### INSTRUMENTS

Findlay. Classification of dental forceps 14

## POSTOPERATIVE COMPLICATIONS AND CARE

Case records of the Massachusetts General Castleman. Hospital 226

Gustafson. Effect of local application of trypsin on postextraction alveolar osteitis 470 Sachs. Parabromdylamine maleate and methocarbamol

after oral surgical procedures 560 Schneider. Evaluation of Orenzyme for prevention of

postoperative edema 562 Snyder. Effect of antihistaminic agents on inflamma-tory response after surgical trauma 96

POSTOPERATIVE PAIN: See-dry socket, listed above

STRAIN: See Health of dentist-eyes

F

ABNORMALITY: See also Prognathism; Mandible and maxilla-resection Progressive facial hemiatrophy (Romberg's disease) 625

FACIAL PROSTHESIS See Prosthesis-facial

See Psychology-dental; See Plso Pain-prevention and control

FEES, DENTAL See Economics-dental-fees

Dental products containing glass fiber 564

FIBROMA

See Sarcoma

FILLINGS AND FILLING MATERIALS See particular materials used, i.e. Amalgam; Cements, etc.; Root canal treatment-filling materials

Sucking: See Malocclusion-habits as factors

FIRST AID

Results with external cardiac massage at the Baringer. Massachusetts General Hospital 684 Kay. Successful resuscitation after cardiac arrest 684 Kouwenhoven. Closed-chest cardiac massage 113 Kuatzu: efficient manual artificial circulation (Japan) 628 Nicholas. Emergency airway-a plan of action 438 Poulsen. Mouth-to-mouth or Holger-Nielsen's resusci-tation method? 91 van Weerden. Evaluation of a new oral resuscitator: the Oro-Resutator apparatus 568

FISTULA

Seidner. Conservative treatment of dental fistulas 659

FLUORIDES

Bone density and fluoride ingestion 729 Cholak. Current information on the quantities of fluor-Cholak. Current information of the dide found in air, food, and water 41 Fluoride in salt from sea water 699 Hodge. Metabolism of fluorides 729 Hodge. Metabolism of fluorides 729 Schait-Bonissone. Fluorine content of bread 172 Swieterman. Effect of highly concentrated solutions of stannous fluoride on human gingival tissues 530 Waller. Effect of high fluorine and iodine doses on the pituitary gland in rats 729

CARIES, PREVENTION OF: See Caries, dental-fluoride for prevention, etc.

DENTIFRICES: See Dentifrices-fluoride

IN MOTTLED ENAMEL: See Enamel-mottled

IN WATER SUPPLIES: See Caries, dental-fluoride for prevention-in water supplies

INTOXICATION

Hornung. C sclerosis 372 Chronic fluorine poisoning and osteomyelo-

TOPICAL APPLICATION: See Caries, dental-fluoride for prevention-topical application

FLUOROSIS

See Enamel-mottled

FOCAL INFECTION

ARTHRITIS

Payer. Dental treatment of rheumatic patients 374

FOOD AND DIETETICS

See Diet and nutrition

FORCEPS

See Extraction-instruments

FOREIGN BODIES

IN ORAL TISSUES: See also Needles-broken Spatz. Unusual foreign body of the floor of the mouth

IN TRACHEA: See Tracheotomy

FOUNDATIONS

See Endowments and foundations

FRACTURES

Bergonzelli. Fractures of the middle third of the facial skeleton 204

Bruner. Fracture of the lower jaw in a two year old boy:

Bruner. Fracture of the condyloid process 662 Ekholm. Fractures of the condyloid process 662 Jovčev. Surgical treatment of mandibular fractures 73 Rosolleck. Streptokinase in the treatment of postopera-tive complications arising after surgical repair of jaw 219

Schuchardt. Fractures of the facial skeleton: statistical report on 1,566 instances 277

Cancellous bone grafts in treatment of chronic osteomyelitis, skull defects and mandibular fractures 336 Wilde. Tolerance of the temporomandibular joint to fracture, dislocation, and associated injury 73

Теетн: See Teeth-fractured

FRANCE

See Education, dental-in France

FUNGI AND FUNGOUS DISEASES

Bernhardt. Fungus species in the human saliva 554

Machella. Gagging reflex 617

Stolzenberg. Control of gagging through suggestion 648

GALVANISM

See Electrogalvanic action in the mouth

GENERAL ANESTHETICS

See Anesthesia and anesthetics, general

See also Ill and aged, Dentistry for

Dogliotti. Senescence and hormonal factors in the development of cancer 27 Greek. Insults to the supporting structures of the teeth with advancing age 74 Baytinal anesthesia in gerodontics 275 Prommersberger.

Rosenthal. Dental problems of age 399
Zur. Dental health in the aging 369

CERMANY

See Dentistry-in Germany; See also Caries, dental-in Germany; Community and school dental service-in Germany; Education, dental-in Germany

GERMICIDES

See Antiseptics, germicides

GERODONTOLOGY

See Geriatrics; See also Ill and aged, Dentistry for

Beyeler. Tooth abrasions, gingival injuries and daily oral hygiene 51

Gould. Gingival condition of congenitally cyanotic individuals 76
Krasse. Effect of consistency of diet on bacteria in

gingival pocket in dogs 175
Perlitsh. Gingival health in personnel wintering in

Antarctica 732 Swieterman. Effect of highly concentrated solutions of

stannous fluoride on human gingival tissues 530

BLEEDING

Carvel. Therapeutic effect of bioflavonoids in gingival inflammatory conditions 669

DISEASES: See also Periodontal disease and subheadings Carter. Epidemiology of gingival disease in Kansas City, Missouri school children 55 Maurizio. Relations between gynecologic and oral dis-

eases 24

Moskow. Calcifications in gingival biopsies 429 Wüst. Influence of local periodontal treatment on tooth mobility and gingival inflammation 270

HYPERTROPHY

Collins. Phenytoin gingival hyperplasia and chronic gingival irritation 218
Wespi. Schiller's test employed in the oral cavity 542

PIGMENTATION Dummett. Oral pigmentation 415

GINGIVITIS

Enzer. Some clinical observations on marginal gingivitis 558

Ewen. Ultrasound and the treatment of acute and chronic gingivitis 621 Suppurative gingivitis 140

NECROTIC: See Vincent's infection ULCERATIVE: See Vincent's infection

GLANDULAR DISTURBANCES See Endocrine glands and hormones and subheadings

GLOSSITIS See Tongue-diseases

COLD FILLINGS, FOIL

Jeffery. Invisible Class III gold foil restorations 259

See also Implants; Plastic surgery

BANK: See Tissue-bank BONE: See Bone-grafts

CARTILAGE

Fiala. Behavior and fate of bone-cartilage grafts 661

GRANULOMAS AND GRANULOMATOUS AREAS Böhne. Intradental granuloma 390 Fullmer. Observations on the deve

Fullmer. Observations on the development of oxytalan fibers in dental granulomas and radicular cysts 169 Unusual manifestations of cheilitis granulo-Hornstein. matosa 25

GRINDING TEETH AS TREATMENT

See Occlusion-traumatic; See also Periodontal diseasetreatment-conservative

GRITTING OR GRINDING TEETH

Berlin. Bruxism and chronic headache 248 Every. Significance of extreme mandibular movements

Moss. Bruxism and chronic headache 289
Nadler. Detection and recognition of bruxism 415

GROUP DENTAL CARE See Insurance-group

GUMS

See Gingiva

#### H

HABITS AS FACTORS IN MALOCCLUSION See Malocclusion-habits as factors

HALOTHANE

See Anesthesia and anesthetics, general-halothane

See Cleft palate and cleft lip

HEAD

Thörmer. Cancellous bone grafts in treatment of chronic osteomyelitis, skull defects and mandibular fractures 336

ANATOMY: See Anatomy-head GROWTH AND DEVELOPMENT

Koski. Growth changes in the relations between basi-cranial and palatal planes 681

HEADACHE

See Pain and subheadings

HEALING OF WOUNDS

See Wounds and injuries-healing

HEALTH

PROGRAMS: See Public health programs PUBLIC: See Public health

HEALTH INSURANCE

See Socialized medicine; See also National health insurance

HEALTH OF DENTIST

Dentists' eye cue 114 Ferguson. Eye safety for dental officers 264

HEART DISEASE

Bishop. Relationship between the cardiologist and the prosthodontist 267
Gould. Gingival condition of congenitally cyanotic in-

dividuals 76

Subacute bacterial endocarditis in an edentu-Massaro. lous man 541

McIntyre. Dental extractions in patients with heart dis-Subacute bacterial endocarditis: a clinical Millard.

study 102 Sperber. Dentist and the cardiac patient 461

HEART FAILURE DURING ANESTHESIA See Anesthesia-accidents during

HEAT AND COLD

Gräf. Unfavorable influences exerted on the teeth during the intake of extremely hot and cold drinks or meals 35

HELLER'S SYNDROME

See Systemic conditions manifested in mouth-Heller's syndrome

HEMIATROPHY

FACIAL: See Face-abnormality

HEMOPHILIA

See also Hemorrhage—control Crolle. Hemophilia B (Christmas disease): report of Crolle. case 353

Landbeck. Hemophiliac patients at the dental office 142 Quick. Sporadic hemophilia 569 Winstock. Dental extractions in hemophilia: plasma therapy without dental splints 614

HEMORRHAGE

CONTROL

Behrman. Dental surgery during continuous anticoagulant therapy 481
Georgiade. New hemostatic surgical sponge for surgical

Georgiade. Ne procedures 451

Gobbi. Congenital deficiency of proaccelerin (Owren's disease): report of case 296

disease): report of case 296
Postoperative hemorrhage at the dental office 16
Roberts. Control of bleeding after dental extraction
during anticoagulant therapy 480
Roth. "Gelastyp" in dental practice 34
Sprague. Re-evaluation of hemostatic agents 409

HEREDITY

Fuhrmann. Pathogenesis of facial clefts associated with syndactylia 500 Hereditary and infectious components of dental caries 529 Mansbridge. Influence of family size on the prevalence of dental caries in children 304
Shaw. Studies on the inheritance of dental caries 599

HERPES

See also Stomatitis—aphthous
Abbott. Treatment of herpetic and aphthous stomatitis 655

Ship. Recurrent aphthous ulcerations and recurrent herpes labialis 556 Ship. Recurrent fever blister and canker sore 557

HIGH SPEED TECHNICS

See Cavities-preparation-high speed technics

HISTAMINE

Histamine injections fail to precipitate sto-Barbash. matitic lesions 470
Evrard. Contraindications to the use of certain drugs

in pilots and drivers 94

Monheim. Control of pain in patients reacting from light planes of anesthesia 668

organ planes or anestnessa 608 Quigley. Role of salivary depressants in dentistry 559 Sachs. Parabromdylamine maleate and methocarbamol after oral surgical procedures 560 Ship. Development and clinical investigation of a new

Ship. Development and climical investigation of a new oral surface anesthetic for acute and chronic oral lesions 8 Snyder. Effect of antihistaminic agents on inflamma-tory response after surgical trauma 96 Swelling of tongue 181 Woodbridge. Preanesthetic medication 340

#### HISTOLOGIC STUDIES-TEETH AND TISSUES

See also Histology-dental Fullmer. Comparative histochemical study of elastic, pre-elastic and oxytalan connective tissue fibers 170; Observations on the development of oxytalan fibers in dental granulomas and radicular cysts 169

#### HISTOLOGY

DENTAL

Fullmer. Orcein as a selective stain for epithelial at-tachment cuticle 99

Miake. Studies on the number and the caliber of dentinal tubules just below the dentinoenamel junction of human deciduous and permanent molars 100
Miller. Methods and techniques in the preparation and microradiography of mineralized tissues 169
Stewart. Odontoblasts: vacuoles and inclusions 597
Weinreb. Epithelial attachment 74

#### HISTORY

DENTAL: See also Education, dental-history

Bagur. Dentistry in Buenos Aires at the beginning of the nineteenth century 171 Bassalyk. History of stomatological education in pre-

revolutionary Russia 520

Bobbio. Study of medicodental history in its significance and purposes 231

Denton. Craftsman and the dentist: from cutler to dental manufacturer 301

Donaldson. Development of the application of electricity to dental surgery up to 1900 302 Eugene Solomon Talbot, M.D., D.D.S., (1847-1924) 572 Guerra. Dentistry in colonial medical almanacs 685

Holthamp. Dental anecdotes 443 Kohári. Study of enamel and dentin in persons of dif-ferent ages 468

Proskauer. Fluoridation recommended one hundred

ears ago 456

Scherz. Niels Stensen's first dissertation 300 Standlee. Blessed twig: a historical walk with Japanese toothpicks 298 Strömgren. Why should a young dentist study the history of dentistry? 442

MEDICAL: See Medicine-history

HOBBIES OF DENTISTS Schimmel. Dentist as a poet (Mehmet Akif) 183

HODGKIN'S DISEASE

See Systemic conditions manifested in mouth-Hodgkin's disease

#### HORMONES

See Endocrine glands and hormones

#### HOSPITALS

DENTAL SERVICE

Binder. Albert Schweitzer Hospital in Peru 182 Castleman. Case records of the Massachusetts General Hospital 226 Dental disease as a cause for admission to the hospital

Fahlberg. Laboratory facilities available to the general

rannierg. Laboratory facilities available to the general practitioner 498
Moore. Dental care of geriatric hospital patients 43
Scopp. Dental research program in a Veterans Ad-ministration hospital 182

Survey of hospital dental departments 665

GROUP INSURANCE: See Insurance-hospital

#### HYALURONIDASE

Steinman. Possible role of hyaluronidase in the incipient carious lesion 362

HYDROXYZINE HYDROCHLORIDE

See also Ataraxics; Premedication Carbone. Use of hydroxyzine hydrochloride in anesthesia for oral surgery 207 Lenenberg. Hydroxyzine: a new psychotherapeutic agent for anxiety in oral surgery 560

#### HYGIENE

ORAL: See Oral hygiene

HYGIENISTS, DENTAL

Survey of dentistry report on dental hygienists 458

# HYPERTROPHY OF GINGIVA

See Gingiva-hypertrophy

HYPNOTISM Chase. Hypnosis in dentistry 343

Damseaux. Hypnosis in dentistry 42
Meldman. Hypnosis is not entirely innocuous 496
Shaw: Hypnosis (the mental hypodermic) as applied to dentistry 536 Stolzenberg. Control of gagging through suggestion 648

ILL AND AGED, DENTISTRY FOR

Album. Propatient 373 Providing dental care for the handicapped

Homebound dental care 377

Homebound dental care 377
Kennedy. Premedication for mentally retarded and handicapped patients 655
Moore. Dental care of geriatric hospital patients 43
Sheldon. Community planning for dental care of the chronically ill and disabled 307
Steinberg. Simplified roentgenographic survey for the heading-reput patient 717 handicapped patient 717

Tannenbaum. Oral conditions of the mentally retarded patient 555

IMPACTED TEETH

See Teeth-impacted; See also Extraction-impacted teeth

IMPLANTATION

Fleming. Factors involved in tooth transplantation 660

NATURAL TEETH

Pini. Transplantation of tooth germs 477 Sorg. Nerve regeneration in replanted hamster teeth 724

#### IMPLANTS

See Grafts; Plastic surgery

BANK: See Tissue-bank

# IMPRESSIONS

MATERIALS

Brandon. Clinical and practical experiences with "Im-pressional," a silicone rubber base elastic impression naterial 269

Chase. Adaptation of rubber-base impression materials to removable denture prosthetics 412

Maidens. Indispensable plaster 249

TECHNIC

O'Connell. Taking the impression: practical technics 131

INCOMES, DENTAL

See Economics-dental

#### INDIA

See Dentistry-in India; See also Caries, dental-in India

See Caries, dental-incidence, Indonesia

#### INFECTION

Oral pathological conditions and nonacute Conner. bacterial endocarditis 615 Tompsett. Dental extractions not a factor in 24 cases of bacterial endocarditis 614
Vincent's: See Vincent's infection

### INFLAMMATION

Menkin. Biochemical mechanisms in inflammation 101

INJECTION TECHNIC

See also Anesthesia and anesthetics, local Krantz. New pressure injector "Dermo-jet" designed to eliminate injection pain 612 Stebbins. Technics for performing intraoral and extraoral injections 579

See Wounds and injuries

INLAYS

Porcelain
Joseph. New approach to porcelain inlays 148

INSTRUMENTS AND APPLIANCES

See also Operative dentistry-instruments

CARE: See Sterilization and asepsis

HIGH FREQUENCY VIBRATION: See also Cavities—preparation—high speed technics Ewen. Ultrasound and the treatment of acute and chronic gingivitis 621

INSUBANCE

GROUP

Pelton. Group financing of dental care-what it means

Smith. Service requirements in dental prepayment 506 HEALTH: See Socialized medicine; See also National health insurance

HOSPITAL

Integration of dental services in Blue Cross-Breland. Blue Shield 584

INTERNATIONAL RELATIONSHIPS

See Dentistry-international relationships

INTRAVENOUS ANESTHESIA

See Anesthesia and anesthetics, general-intravenous

INVESTMENT

MATERIALS.

Hollenback. Study of the separation of ingredients of investing materials 410 Maidens. Indispensable plaster 249

TECHNIC

Marcroft. Layered silicone rubber mold technic for denture processing 618

IODINE

Waller. Effect of high fluorine and iodine doses on the pituitary gland in rats 729

IRRADIATION

BIOLOGICAL EFFECTS: See Radiation-biological effects

IRREGULARITY OF TEETH

See Malocclusion

I

JAPAN

See Dentistry-in Japan

IAWS

DEVELOPMENT

Scott. Role of the soft tissues in determining occlusion

FRACTURES: See Fractures-jaws

JOURNALISM, DENTAL Hartlmaier. From the office of the editor: function and Hartlmaier. From the office of the edi structure of a professional journal 310

JURISPRUDENCE, DENTAL

See also Laws and legislation-dental; Litigation

KANAMYCIN

See Antibiotics

KOREA

See Dentistry-in Korea

L

L67

See Anesthetia and anesthetics, local-L67

LABORATORIES, DENTAL

Dickson. Where do we go from here? 312 Fahlberg. Laboratory facilities available to the general practitioner 498

TECHNICIANS: See Technicians, dental

See Dentistry-in Laos

LAWS AND LEGISLATION

DENTAL

Proper prospective 343

LEGISLATION

See Laws and legislation

CAUSED BY DENTURES: See Dentures-lesions caused by OF MOUTH: See Mouth-lesions; See also Lip-lesions

LEUKOPI.AKIA

Diener. Leukoplakia buccalis: report of a unique case 360

Waldron. Current concepts of leukoplakia 285

LIBRARIES

DENTAL

de Maar. Kalman Klein dental collection, University of Utrecht, The Netherlands 456

LICENSURE

Stowell. Physicians vs. doctor vs. professor 376

LICHEN PLANUS

See Systemic conditions manifested in mouth-lichen planus

LIDOCAINE HYDROCHLORIDE

See Anesthesia and anesthetics, local-lidocaine hydro-chloride

LIP

Garretts. "Burning lips" associated with oesophageal reflux 537 Pinto da Fonseca. Stretching prosthesis for cicatricial deformities of the lips 483

CLEFT: See Cleft palate and cleft lip

LESIONS

Unusual manifestations of cheilitis granu-Hornstein. lomatosa 25 Shuttleworth. Aetiological significance of Candida albi-cans in chronic angular cheilitis and its treatment with nystatin 33

LITERATURE, DENTAL

See also Journalism, dental

See also Malpractice, dental Infamous or disgraceful conduct (England) 233

LOCAL ANESTHETICS

See Anesthesia and anesthetics, local and subheadings

LUPUS ERYTHEMATOSUS

Damashek. What is systemic lupus? 352

LYMPHOMA

Cook. Oral lymphomas 654

MALIGNANT TUMORS See Tumors; See also Cancer

MALOCCLUSION See also Orthodontic treatment

Fleming. Investigation of the vertical overbite during the eruption of the permanent dentition 400 Malocclusion and civilization 621

ETIOLOGY

Liebman. Electromyography in the study of the etiology of malocelusion 592

HABITS AS FACTORS

de Rudder. Tooth eruption and fingersucking 400 Jansky. Investigation of the muscular forces exerted by uman tongue 265 Straub. Malfunction of the tongue. Part 1. The abnormal swallowing habit: its cause, effects, and results in

relation to orthodontic treatment and speech therapy 3

NASO-PHARYNGEAL CONDITIONS IN BELATION TO Development of the dentition in children with adenoidism 351

STATISTICS

Calisti. Correlation between malocclusion, oral habits, and socioeconomic level of preschool children 58
Fisk. When malocclusion concerns the public 242 Salzmann. Public health orthodontic survey 4
Sheikh. Frequency of various types of malocclusion 265

MALPRACTICE, DENTAL See also Litigation

Levinson. Dental malpractice problem 233

MANAGEMENT OF PATIENTS

See Patients-management; See also Psychology-dental

MANDIBLE AND MAXILLA

DISEASES: See also Osteitis
Waite. Infections of dental etiology in the mandibular and maxillofacial region 323

FRACTURES: See Fractures-jaws

RESECTION

Erich. Cosmetic repair for retrusion of the mandible 624

MANDIBULAR MOVEMENTS

See also Articulation and occlusion; Occlusion Boccaletti. Importance of the occlusal plane and of its relation to the inclination of the condylar path in complete and partial prosthetics 267
Weinberg. Clinical implications of tooth contact in eccentric movements of the jaw 620

MASTICATION

Bergman. Test denture for masticatory studies 678

MUSCLES

Ekholm. Electromyographic study of the function of the lateral pterygoid muscle 166 Engelberger. Diagnosis and treatment of functional disturbances of the masticatory system 150 Scott. Role of the soft tissue in determining occlusion Siirila. Electromyographic study of the function of the medial pterygoid muscle 593

Vyanier. Dystrophia myotonica in childhood 501 Vyklický. Masseteric reflexes in patients with trigeminal neuralgia after neurotomy 466

MATERIA MEDICA AND THERAPEUTICS

See also Antibiotics; Endocrine glands and hormones— therapy; Penicillin; Berland. Some headache remedies may be over-priced

532

Bucher. Time interval: a key factor in drug administra-tion 217

Campbell. Pigmentation of the nail-beds, palate and skin occurring during malarial suppressive therapy with "Camoquin" 95

Drug terminology and the urgent need for reform 282 Evrard. Contraindications to the use of certain drugs in pilots and drivers 94

Fröhlich. Melena vera caused by aspirin 93 Middleton. New drug is born 426

DENTAL

Antalovská. Clinical experience with Baytinal, a new short-acting barbiturate 13 Bruckner. Diagnosis of oral lesions related to the use of drugs and other substances 496 Claus. Oral lesions of the mouth treated with gamma globulin 670 Placebos 497

MATERIALS, DENTAL
See also Impressions—materials; Metallurgy, dental
Mitchell. Determining the tumorigenicity of dental materials 422

MAXILLOFACIAL INJURIES

See also Fractures-jaws; Plastic surgery

Bergonzelli. Fractures of the middle third of the facial skeleton 204

Section 2038
Facial injuries and tracheotomy 157
Schuchardt. Fractures of the facial skeleton: statistical report on 1,566 instances 277
Stewart. Perforation of the middle third of the face by a foreign body 337

MECHANICS, DENTAL See Technicians, dental

MEDICINE

EDUCATION

Trytten. Competition for high talent 107

HISTORY

Bobbio. Study of medicodental history in its significance and purposes 231
Schaffgotsch. Tolstoi's attitude to medicine 433

RELATION TO DENTISTRY

Bobbio. Study of medicodental history in its significance and purposes 231 Herrmann. Cooperation between dentists and physicians in the prevention of dental caries 368

RESEARCH
Saiger. Errors of medical studies 184

MENTAL HEALTH

See also Psychosomatic medicine and dentistry
Busfield. Studies of salivation in depression 424
Sagarra. Heller's syndrome: report of an atypical case Tannenbaum. Oral conditions of the mentally retarded patient 555

INFLUENCE OF ESTHETIC IMPROVEMENT
Pierce. Combination of inferior dentition and psychiatric maladjustment in naval recruits 121

MEPAZINE HYDROCHLORIDE See Ataraxics

MEPERIDINE HYDROCHLORIDE See Analgesia-meperidine hydrochloride

MEPIVACAINE HYDROCHLORIDE

See Anesthesia and anesthetics, local-Mepivacaine hydrochloride

MERCURIALS

See Materia medica and therapeutics; See also Poisons and poisoning—metallic

MERCURY POISONING

See Poisons and poisoning-metallic

METABOLISM

Betzler. Changes in the metabolism of calcium and phosphate in the facial bones and teeth of rats with alloxan diabetes 39

Gräff. Metabolic changes in enamel and dentin 38 Kreshover. Metabolic disturbances in tooth formation 102

CALCIUM

Nutrition, diet, and calcium metabolism in Johansen. dental health 176

MINERAL

Hodge. Metabolism of fluorides 729 McConnell. Relation between inorganic chemistry and biochemistry of bone mineralization 421

METALLURGY, DENTAL See also Materials, dental

Silver. Evaluation and comparison of porcelains fused to cast metals 672

METHOHEXITAL SODIUM

See Anesthesia and anesthetics, general-methohexital sodium

MICROBIOLOGY

See Bacteriology

MICROSCOPY, DENTAL

See also Histology-dental Kurahashi. Electron microscopy on structural changes on enamel surface due to stannous fluoride 552 Letterer. Electromicroscopic and immunomorphologic studies of amyloids in oral tissues 426 Mannerberg. Appearance of tooth surface as observed in shadowed replicas 99 McMillan. Electron microscopy of early enamel caries

Miller. Methods and techniques in the preparation and microradiography of mineralized tissues 169

MILITARY DENTISTRY

See Dentistry-military and naval

MIND AND FAITH CURES See also Hypnotism

MOBILE UNITS

See Clinics-dental, traveling; See also Equipment, dental -mobile

MODELS

TEACHING

Beagrie. Pre-clinical teaching-the phantom head 293

THIRD: See Teeth-molars third

MONGOLISM

Brown. Dental manifestations of mongolism 600 Dental caries experience of mongoloid children 371

MOTTLED TEETH

See Enamel-mottled

MOUTH

BACTERIOLOGY: See Bacteriology-oral

DISEASES: See Pathology-oral; See also names of diseases, i.e., Leukoplakia

LESIONS

Bruckner. Diagnosis of oral lesions related to the use of drugs and other substances 496 Claus. Oral lesions of the mouth treated with gamma globulin 670

MOUTH WASHES

Micrin and the mouthwash mania 690
Weisz. Reduction of dental caries through use of a sodium fluoride mouthwash 118

MOUTHPIECES

PROTECTIVE
Moon. Commercial protective mouthpiece for football players 605

MUSCLE RELAXANTS
Parbrook. Comparison of post-operative pain and stiffness after the use of suxamethonium and suxethonium compounds 161

MUSCLES

See Mastication-muscles

EXERCISES: See Orthodontic treatment-muscle exercises

MUSIC IN DENTAL PRACTICE See Analgesia-audio

N

NARCOTICS

tion to

See Drugs; See also Materia medica and therapeutics

NASO-PHARYNGEAL CONDITIONS AS CAUSE OF IR-REGULARITIES See Malocclusion-naso-pharyngeal conditions in rela-

NATIONAL BUREAU OF STANDARDS

Sweeney. Dental research at the National Bureau of Standards, 1920-1960 566

NATIONAL HEALTH INSURANCE See also Socialized dentistry

IN AUSTRIA

Fellinger. Problems of social health insurance in Austria 434

NAVY DENTISTRY

See Dentistry-military and naval

NEEDLES

BROKEN

Helbig. Prevention of needle breakage during mandibular anesthesia by use of "button" syringes 88

EXTIRPATION: See Root canal treatment

Fearington. Painless dental needles 338

NEGRO DENTISTS

Dummett. Dental health problems of the Negro population 306

NEOMYCIN

See Antibiotics

NEOPLASMS See Tumors

NERVES

Sorg. Nerve regeneration in replanted hamster teeth 724

ANATOMY NATIONY.

Howe. Prevention of damage to the inferior dental nerve during the extraction of mandibular third molars 404 Takakama. Anatomy of superior alveolar nerve 720

INTURIES

Miehlke. Surgical repair of the facial nerve in the parotid and masseteric regions 156

NETHERLANDS

See Dentistry-in Netherlands; See also Community and school dental service-in Netherlands

TRIGEMINAL; TRIFACIAL; TIC DOULOUREUX

Frost. Trigeminal neuralgia 654 Marks. Trigeminal neuralgia 570

Weber. Impaired blood circulation: a possible cause of trigeminal neuralgia 662

Williams. Treatment of trigeminal neuralgia with cobra venom 347

Vyklický. Masseteric reflexes in patients with trigeminal

neuralgia after neurotomy 466

NEW ZEALAND

See Caries, dental-incidence, New Zealand

NITROUS OXIDE

See Anesthesia and anesthetics, general-nitrous oxide

NOMENCLATURE

De Jonge. "Schizodontia" and "synodontia" 688 Drug terminology and the urgent need for reform 282

DENTAL.

Nossek. Classification and nomenclature of periodontics as used in Bulgarian dentistry 329 Vitor. Language of the dentist 185

NORWAY

See Dentistry-in Norway

NOTATION, DENTAL

Balogh. Topographic charts of the edentulous mouth and the upper surface of the tongue 411
Galloway. Method of recording the state of dental health 504

NURSES

EDUCATION

Rosenberg. An inservice program on dental health 459

NUTRITION

See Diet and nutrition

0

OCCLUSION

See also Articulation and occlusion; Mandibular movements

Weinberg, Clinical implications of tooth contact in eccentric movements of the jaw 620

BALANCED: See Articulation and occlusion-artificial teeth RESTORATION TO NORMAL

Engelberger. Diagnosis and treatment of functional disturbances of the masticatory system 150
Staegemann. "Masticatiography," a method to determine the value of prosthodontic treatment for patients

with periodontal disease 416 TRAUMATIC: See also Articulation and occlusion-natural teeth; Periodontal disease

Engelberger. Diagnosis and treatment of functional disturbances of the masticatory system 150

OCCUPATIONAL DERMATITIS See Dermatitis-occupational

OCCUPATIONAL DISEASES AND HAZARDS

OF DENTISTRY

Wallace. Occupational dermatitis in dentists 47

OFFICE EQUIPMENT, DENTAL See Equipment, dental

OFFICES, DENTAL

Cheskin. Use of color in the dentist's office to increase patient comfort 634

FIRE HAZARDS Jackson. Fire 49

OLEANDOMYCIN See Antibiotics

OPENING THE BITE See Bite-opening

OPERATING ROOM PROCEDURE Scott. Preparing the surgeon's hands 632

OPERATIVE DENTISTRY

See also various operative procedures, i.e. Cavitiespreparation

FOR CHILDREN: See Children, Dentistry for-operative procedures

Instruments: See also Cavities-preparation-high speed

Appenrodt. "Kibitzer" mouth mirror: the dentist's third

Development and application of modern methods in cavity preparation: Part IX. The materials and sign of cutting points 332

ORAL FLORA

See Bacteriology-oral

ORAL HYGIENE

See also Toothbrushes and toothbrushing technic Adams. Effects of a closely supervised oral hygiene pro-gram upon oral cleanliness 122

Archer. Mouth cleaning devices 53
Arnim. How to educate high school students in oral

hygiene 307

Birman. Status of oral hygiene in Dutch school children 524 Greene. Oral hygiene index: a method for classifying oral hygiene status 365

ORAL PATHOLOGY See Pathology-oral

ORAL SURGERY

Boyer. Surgical repair of a severed parotid duct: report of case 358

Kaiser-Meinhardt. Medical and dental complications of an abnormally long styloid process 23 Michlke. Surgical repair of the facial nerve in the

parotid and masseteric regions 156 Monheim. Newer concepts of

Monheim. Newer concepts of pain control in dental practice 162 Sacher. Oral surgical interventions and postoperative

management in patients with advanced tuberculosis 157 Schirger. Bacterial invasion of blood following oral surgical procedures 362

DIAGNOSIS: See Diagnosis-oral surgery

RELATION TO PROSTHETICS: See Dentures-surgical preparation for

SUTURES AND SUTURING Savchenko. Polyamide fish line sutures 660

ORTHODONTIA See Orthodontics; See also Malocclusion

ORTHODONTIC APPLIANCES, MATERIALS, ETC. Ahlgren. Response to activator therapy 488

ORTHODONTIC DIAGNOSIS AND MEASUREMENTS Registrom. Responsibility of the third molar for secondary crowding 544
Stahl. Planes in lateral roentgenograms 489
Zingeser. Nasomaxillary proportional constancy 488 ORTHODONTIC TREATMENT

Haataja. Osseous development of children undergoing orthodontic treatment 593 Howes. Expansion as a treatment procedure—where does it stand today? 145

EXTRACTION

Magill. Changes in the anterior overbite relationship following orthodontic treatment in extraction cases 266 Neumann. Planned serial extractions in orthodontic treatment 489 Rant. Principles of tooth extractions in orthodontic treatment 623

MUSCLE EXERCISES Raeder. Unique technique for correction of muscular dysfunction associated with malocclusion 328

Tissue changes caused by Reitan. Tissue behavio behavior during orthodontic tooth movement 544

ORTHODONTICS

See also Malocclusion; Orthodontic diagnosis and measurements; Orthodontic treatment Forrest. Research and the practicing orthodontist 680 Halliday. Some observations on American orthodontics

HISTORY

Edwards. History of the International School of Ortho-dontia 584 Hunt. Malocclusion and civilization 621

PREVENTIVE Bjorndal. Partial dentures as space maintainers 494

RETENTION
Riedel. Review of the retention program 487

OSSEOUS DYSPLASIA

See Dysplasia-osseous

OSTEITIS

See also Bone—diseases
Gustafson. Effect of local application of trypsin on
postextraction alveolar osteitis 470

Deformans: See also Dysplasia-osseous Cohen. Osteitis deformans (Paget's disease of bone) 499

FIBROSA CYSTICA

Heidsieck. Osteitis fibrosa localisata of the jaw region? 222

OSTEOMYELITIS

See also Bone-diseases
Thörmer. Cancellous bone grafts in treatment of chronic Thörmer. osteomyelitis, skull defects and mandibular fractures 336

OWREN'S DISEASE See Blood-diseases

OXYGEN

IN SURGERY

Moore. Oxygen: the antidote for systemic toxic reactions from local anesthetic drugs 276 Sugioka. Hyperventilation with oxygen: cause of cerebral hypoxia 13

P

PACATAL

See Ataraxics

Beecher. Measurements of subjective reactions: emotion and pain 476
Berlin. Bruxism and chronic headache 248

Herzberg. Analysis of pain incidence during dental op-erative procedures with rotating instruments at inter-mediate and high speeds 334

Melzack. Perception of pain 689 Moss. Bruxism and chronic headache 289

CONTROL: See-prevention and control, listed below.

POSTOPERATIVE: See Extraction-postoperative pain PREVENTION AND CONTROL: See also Analgesia and sub-

headings; Psychology—dental Beecher. Increased stress and effectiveness of placebos and "active" drugs 96

Topical use of corticosteroids for the relief of pain sensitivity of dentine and pulp 215
Krantz. New pressure injector "Dermo-jet" designed to eliminate injection pain 612
Seltzer. Incidence and duration of pain following endodontic therapy 561

CLEFT: See Cleft palate and cleft lip

PALEODONTOLOGY

Heuser. Surfaces of human teeth found in a Neolithic tomb 557

#### PALSY

BELL'S

Cohen. Bell's palsy-a medical emergency 200

CEREBRAL Siegel. Dental findings in cerebral palsy 290

PARALYSIS, FACIAL

See also Palsy—Bell's
McDougal. Möbius syndrome: a congenital facial diplegia syndrome 360
Wassermann. Value of an early decompression of the

PAROTITIS

Chronic parotitis 44

paralyzed facial nerve 211

PARTIAL DENTURES

Blorndal. Partial dentures as space maintainers 494 Ryan. Use of Duralumin-type alloys in constructing skeleton partial dentures 143 Partial denture design for patients with Schwindling. attrition of the anterior teeth 649

PATENTS, DENTAL

Dental patents 445; 509; 574; 701

PATHOLOGY

Di Marco. Individual variability and susceptibility to disease 634

Dubos. Health and disease 313

Kampmeier. Callagen disease: unanswered questions on pathogenesis and etiology 540

Oral: See also names of diseases, i.e. Leukoplakia, Stomatitis, etc.; Diagnosis—oral; Periodontal disease Conner. Oral pathological conditions and nonacute bacterial endocarditis 615

Priester. How does the patient treat his dentist? 314 MANAGEMENT: See Psychology-dental

See Systemic conditions manifested in mouth-pemphigus

PENICILLIN

Abscesses in the oral cavity 34 Curson. Studies on the permeability of tooth roots to

penicillin 237
Jensen. Antibiotic-resistant
cance in dental practice 553 Antibiotic-resistant staphylococci: their signifi-

Penicillin-streptomycin combinations 498

Schirger. Bacterial invasion of blood following oral surgical procedures 362

REACTION TO

Miller. Anaphylactoid reaction to oral penicillin 44 Schuppli. Allergic reactions to antibiotics 349

VINCENT'S INFECTION

PENTOTHAL SODIUM

Anesthesia and anesthetics, general-thiopental sodium

PERIAPICAL INFECTION

See Granulomas and granulomatous areas

PERIODICALS

DENTAL: See Journalism, dental

PERIODONTAL DISEASE

See also Gingiva-diseases; Gingivitis; Occlusion-traumatic; Pathology-oral marginal periodontal disease:

Berger. Inflammatory microbiologic studies 429

Bibby. Role of bacteria in periodontal disease 272 Dunning, Gingival-bone count: a method for epidemi-ological study of periodontal disease 271

Greek. Insults to the supporting structures of the teeth with advancing age 74 Greek.

Mehta. Analysis of periodontal disease as a cause of

tooth loss 76 Nossek. Classification and nomenclature of periodontics

Nossex. Classification and infinite rate of periodonics as used in Bulgarian dentistry 329
Swenson. Periodontics as cosmetic dentistry: improving the patient's appearance 657
WHO program for preventing, treating periodontal dis-

ease 606 DIAGNOSIS

Mathis. Objective roentgenographic examinations of patients with periodontal disease 643

DIET IN RELATION TO: See Diet and nutrition-periodontal conditions

ETIOLOGY AND RELATION TO SYSTEMIC CONDITION

Baker. Personality and periodontal disease 681 Belting. Influence of psychiatric disturbances on the severity of periodontal disease 694 Fatzer. Plumbism and avitaminosis as probable causes of periodontal disease: report of two cases 330
Fish. Etiology of periodontal breakdown and its pre-

vention 645 Kluczka. Effects of endocrine disturbances on the periodontal tissues 599 Sandler. Prevalence of periodontal disease in a hospitalized population 77

IN CHILDREN: See Children, Dentistry for-periodontal dis-

TREATMENT

Gaerny. Closure of interdental spaces with removable anterior bridges 547
Staegemann. "Masticatiography," a method to determine the value of prosthodontic treatment for patients with periodontal disease 416 Toto. Electrically powered toothbrush in home periodontal treatment 659

TREATMENT-CONSERVATIVE

Barnes. Subgingival root planing: a comparison using files, hoes and curettes 329

Diener. New approach in oral physiotherapy 137
Wist. Influence of local periodontal treatment on tooth
mobility and gingival inflammation 270

TREATMENT—MEDICINAL PACKS AND INSTRUMENTATION Berman. New adhesive foil dressing for periodontal sur-gery 490 Colombo. Hydrocortisone (compound F) acetate ointment in the treatment of periodontal disease 139

TREATMENT-SURGICAL

Boudin. Flap operation with mucobuccal fold extension of a periodontally involved abutment tooth: report of Histogenesis of repair after mucogingival Wilderman.

surgery 430

PERIODONTAL TISSUE

Krikos. Recent concepts on connective tissue 466

PERIODONTICS See Periodontology

PERIODONTITIS

See Periodontal disease

PERIODONTOLOGY

Imagawa. Research in periodontology in Japan 273

See Dentistry-in Peru

PHARMACY

Pharmaceutical industry and the doctor 427 Pharmaceutical industry in Germany 437 Dowling. Gerhardt.

PHILIPPINES

See Dentistry-in Philippines

PHONETICS AND SPEECH DEFECTS

Significance of phonetics in complete denture service 651 Straub. Malfunction of the tongue. Part 1. The abnormal swallowing habit: its cause, effects, and results in relation to orthodontic treatment and speech therapy 3

PHOTOELECTRIC MYODYNAGRAPH

See Electromyography

PHOTOGRAPHY, DENTAL

Feddema. X-ray television and roentgenocinematography 586

PHYSIOCHEMISTRY See Chemistry

PIGMENTATION

skin occurring during malarial suppressive therapy with "Camoquin" 95

OF GINGIVA: See Gingiva-pigmentation

PLASTER OF PARIS

See Impressions and subheadings; See also Investmentmaterials

PLASTIC SURGERY

Fryer. Direct approach to repair in plastic surgery 407

PLUMBISM

See Poisons and poisoning-metallic

POISONS AND POISONING

Fatzer. Plumbism and avitaminosis as probable causes of periodontal disease: report of two cases 330

METALLIC: See also Occupational diseases and hazards Risk of exposure of dental staff to mercurial Airaksinen. poisoning 620

POLAND

See Community and school dental service-in Poland

POLIOMYELITIS

Baumann. Complications occurring in the maxillofacial region after poliomyelitis vaccination (Salk) 104

PORCELAIN

Silver. Evaluation and comparison of porcelains fused to cast metals 672

IN DENTISTRY: See Inlays-porcelain

POSTOPERATIVE COMPLICATIONS AND CARE See Extraction-postoperative complications and care

PRACTICE, DENTAL

"Human factors" research program 462
Schöbel. Dentist's productive power: his optimal ca-

FOR ILL AND AGED: See Ill and aged. Dentistry for

PREMEDICATION

See also Ataraxics

Carbone. Use of hydroxyzine hydrochloride in anesthesia for oral surgery 207 Kennedy. Premedication for mentally retarded and

handicapped patients 655 Monheim. Newer concepts of pain control in dental

Monheim. Newer concepts of pain contro practice 162 Woodbridge. Preanesthetic medication 340

PREPAYMENT DENTAL PLANS

See Economics-dental-prepayment plans

PRESCHOOL CHILD

DENTAL CARE: See Children, Dentistry for-preschool

PRESCRIPTION WRITING

Se also Materia medica and therapeutics Bucher. Time interval: a key factor in drug administration 217

Prescription writing 115

PREVENTIVE DENTISTRY

Mercer. Preventive dentistry survey conducted among dentists in Indiana 588

FLUORIDE: See Caries, dental-fluoride for prevention, etc.

PRIMITIVE DIET

See Diet, primitive

PRIMITIVE PEOPLES

DENTAL CONDITIONS

Carbonell. Tubercle of Carabelli in the Kish dentition, Mesopotamia, 3000 B.C. 165

Russell. Dental caries and nutrition in Eskimos 695; Periodontal disease and nutrition in Eskimo men 604 Sutton. Crack lines in teeth from husking coconuts 692

PROGNATHISM

Davidov. Incidence of prognathism in Bulgaria 240

PROMETHAZINE See Histamine

PROPHYLAXIS, DENTAL
See also Oral Hygiene
Clugh. Washed field method in oral prophylaxis 532

PROSTHESIS

ACRYLIC RESIN: See-facial, listed below

FACIAL

Alloplastic materials in the creation of facial Rish. contour 78

PROSTHETIC DENTISTRY

See also Bridgework; Crowns; Dentures; etc. Staegemann. "Masticatiography," a method to determine the value of prosthodontic treatment for patients with periodontal disease 416

CHILDREN'S: See Children, Dentistry for-prosthetics

PROTECTIVE MOUTHPIECES

See Mouthpieces-protective

PROTEIN

See also Diet and nutrition

Electronmicroscopic and immunomorphologic Letterer. studies of amyloids in oral tissues 426

PSYCHOLOGY

See also psychosomatic medicine and dentistry Devine. Apt words and troubled minds 571

DENTAL

Beecher. Measurements of subjective reactions: emotion and pain 476 Placehos 497

PSYCHOSOMATIC MEDICINE AND DENTISTRY

See also Psychology
Baker. Personality and periodontal disease 681
Belting, Influence of psychiatric disturbances on the
severity of periodontal disease 694
Brezinová. Placebos 409

Massler. Oral problems in postmenopausal women 537 McCall. Personality characteristics in patients with temporomandibular joint symptoms 598 Okubo. Psychogalvanic phenomenon 680

PUBLIC DENTAL EDUCATION See Education of public

PUBLIC DENTAL SERVICE

See Public health-dentistry; See also Clinics-dental; Community and school dental service; Education of public

PUBLIC HEALTH

DENTISTRY: See also Community and school dental service Highlights of research in public health dentistry, 1956-1960 608

PUBLIC HEALTH PROGRAMS

Rosenstock. Some principles of research design in public health 477

PUBLIC RELATIONS

DENTISTRY: See Education of public

PUBLIC SCHOOL DENTISTRY See Community and school dentistry

PULP

ANATOMY

Kramer. Vascular architecture of the human dental pulp 235

CAPPING Kozlowska. Direct pulp capping 214

CONSERVATION

Stanley. Biological effects of various cutting methods in cavity preparation: the part pressure plays in pulpal response 264
Weiss. Histological effects of silver nitrate on adult

pulps 263

NODULES: See Dentin-secondary PATHOLOGY

Triadan. Treatment of pulpitis with triamcinolone 263

REACTION TO HEAT: See Heat and cold-shock

TESTING Taylor. Pulp testing; an evaluation of various technics

753

PULP TREATMENT See Pulp-conservation

PULPECTOMY See Root canal treatment

**PULPITIS** See Pulp-pathology PYORRHEA ALVEOLARIS See Periodontal disease

#### R

#### RADIATON

BIOLOGICAL EFFECTS: See also Roentgenotherapy; Roentgen rays-danger from use

Simple recording of immediate radiobiologic Lamberts effects 158

Melching. Radiation hazard: the danger to mind of Melching. Control of the inhibition of glycolytic activity induced by ionizing irradiation 87 Strontium 90 and fluoridated water 101

RADIOACTIVE ISOTOPES

See Atomic energy

RADIUM THERAPY

Uhlmann. Radiation therapy of carcinoma of the tongue 86

REBASING DENTURES See Dentures-rebasing

RECORDS AND RECORD KEEPING

Unreliability of caries recording methods 610 Method of recording the state of dental Berggren. Galloway. health 504 The doctor's little black book 44! Thomason.

Partial recording of dental caries 398 Welander.

RELATION OF DENTISTRY TO MEDICINE See Medicine-relation to dentistry

REPLANTATION OF TEETH See Implantation-natural teeth

RESEARCH

Barr. Research opportunities in teaching dental roentgenography 587 Rosenstock. So Some principles of research design in public health 477

Dental: See also Education, dental-research Bibby. Dental clinics and dental research 722

Cohen. Use of radioactive materials in dental research 565

Forrest. Research and the practicing orthodontist 680 Laufman. Half-life of half-truths 443 Law. Highlights of research in public health dentistry, 1956-1960 608

Njemirovskij. Incidence of dental caries in Yugoslavia:

the role of dental research 172 Schatz. Some historical reflections on dental research: A comparison of the septic and proteolysis-chelation theories of caries 241

Scopp. Dental research program in a Veterans Administration hospital 182

Sweeney. Dental research Standards, 1920-1960 566 Dental research at the National Bureau of Research and development in clinical dentistry Wylie.

MEDICAL: See Medicine-research

682 METHODS

Why are research grant applications disapproved? Allen. Saiger. Errors of medical studies 184

Welander. Partial recording of dental caries 398

RESINS

Östlund. Epoxy resins as die material 475 Rish. Alloplastic materials in the creation of facial contour 78

IN ORTHODONTICS: See Orthodontics-retention

IN PROSTHETICS: See Dentures-retention: See also Impressions-technic

RHEUMATIC FEVER

Subacute bacterial endocarditis: a clinical Millard. study 102

RHEUMATISM

See Focal infection-arthritis

RISTOCETIN

See Antibiotics

# ROENTGEN RAYS

Danger from use: See also Radiation-biological effects
Baumgartner, Control of common radiation hazards in New York City 714

Spangenberg, Jr. 65 or a 90 kilovolt X-ray machine? 7 Stahl. X-ray protection techniques 6 Updegrave. High or low kilovoltage 491

Yale. Measurements of gonadal dose in children during intraoral radiography 86; Principles in radiation hygiene and their application to dentistry 67; Ten state study of radiation hygiene in 1,955 dental offices 716
Zuppinger. Survey of exposure to ionizing rays of the
Swiss population during dental and medical roentgen

diagnosis 355

ROENTGENOLOGY

Feddema. X-ray television and roentgenocinematography 586

DENTAL: See also Children, Dentistry for-roentgenology; Education, dental-roentgenology
Dachi. Survey of retained roots and teeth based on
3,874 full-mouth roentgenograms 732

Going. Roentgenograms and lightgrams as supplements to autoradiographs 671

Kallay. Roentgenographic examinations of edentulous jaws: use of a roentgen network 5

IN ORAL DIAGNOSIS

Mathis. Objective roentgenographic examinations of patients with periodontal disease 643 Steinberg. Simplified roentgenographic survey for the handicapped patient 717

TECHNIC

Cooksey. Bone-soft tissue relation in lateral jaw roentgenograms 664

Kraske. Evaluation of a panoramic dental X-ray machine 718

Lönberg. Periodontal space in roentgenograms 139 Owsley, Jr. Simple device for rapid copying of roentgenograms 159 Paatero. Stereoscopic orthopantomograms with a single exposure 355

Updegrave. High or low kilovoltage 491

ROENTOGENOTHERAPY

Barth. Ulta-hard roentgen rays in the treatment of malignant oral tumors 490 Catlin. Radiation treatment of cancer of the mouth, pharynx, larynx and neck 554
Sundaram. Behaviour of malignant cells to irradiation therapy in carcinoma of the oral cavity 97 Umiker. Diagnostic and prognostic value of oral smears in the radiotherapy of carcinoma of the oral cavity and oropharynx 421

ROOT AMPUTATION See Apicoectomy

ROOT CANAL TREATMENT

Importance of diagnosis and treatment planning in endodontic practice 195 Charlestein. Progress in endodontics: the "Exito" extirpation needle 213 Lieban. Dozen don'ts in endodontic procedures 480

FILLING MATERIALS

Tschamer. Investigation of the properties (hermetic sealing capacity) of several root canal filling materials 213

STERILIZATION

Melville. Bacteria isolated from root canals during endodontic treatment 553 Seltzer. Incidence and duration of pain following endodontic therapy 561

ROOTS

Curson. Studies on the permeability of tooth roots to

Dachi. Survey of retained roots and teeth based on 3,874 full-mouth roentgenograms 732

RESECTION: See APICOECTOMY

RUSSIA

See Dentistry-in Russia

S

SALIVA

Brown, Jr. Ptyalism and achlorhydria 354

Analysis: See-composition and analysis, listed below

COMPOSITION AND ANALYSIS

Chakravorti. Free amino acids in normal human saliva 420

Dreizen. Copper and cobalt levels in human saliva and dental caries activity 221 Eggers Lura. Relations between salivary mucoids and dental caries 596

Kröncke. Biochemical investigation of human saliva 221

CONTROL

Drum. "Suctomat," a saliva ejector designed for ultra-high speed cavity preparation 619 Quigley. Role of salivary depressants in dentistry 559

STUDY

200

Bernhardt. Fungus species in the human saliva 554 Busfield. Studies of salivation in depression 424 Doku. Thromboplastic activity of human saliva 467 Ericsson. Relationship between saliva and dental caries 527

Östlund. Saliva and denture retention 268

Sharry. Observations on the origin of salivary leukocytes 424 Weber. Parotid saliva and its relation to dental caries

SALIVARY CALCULUS See Calculus-salivary

SALIVARY GLANDS

Boyer. Sur Surgical repair of a severed parotid duct: report

Downton. Intraoral excision of the submandibular gland

Miehlke. Surgical repair of the facial nerve in the parotid and masseteric regions 156 elye. Excessive stimulation of salivary gland growth by isoproterenol 353

DISEASES: See also Parotitis

Böhne. Ptyalism: cause and treatment 501 Borsanyi. Asymptomatic enlargement of the parotid glands 290

Rauch. Pathogenesis of sialolithiasis 105 Turner. Postparotidectomy syndrome 484

Tumors: See Tumors

SARCOMA

See also Tumors Nordenskjöld. Kaposi's sarcoma 284

Sarcoma complicating fibrous dysplasia 653 Tanner.

SCALING

See Periodontal diesease-treatment-conservative

SCHOOL AND COMMUNITY DENTAL SERVICE See Community and school dental service

SCLERODERMA

See also Systemic conditions manifested in mouthscleroderma

SECONDARY DENTIN See Dentin-secondary

SEDATIVES

See also Ataraxics

Wyss. Experience with methaminodiazepoxide 348

SELENIUM

Tank. Effect of naturally occurring selenium and vana-dium on dental caries 117

SENSITIVE DENTIN

See Dentin-sensitive

SERVICE TO ORGANIZED GROUPS

See Industrial dental service; See also National health insurance

SHOCK, SYNCOPE AND COLLAPSE

Mills. Treatment of shock with sympathicomimetic drugs: use of metaraminol and comparison with other vasopressor agents 346

SILICATES

See Cements-silicates

SILICONES

Brandon. Clinical and practical experiences with "Impressional," a silicone rubber base elastic impression material 269

Marcroft. Layered silicone rubber mold technic for denture processing 618

Segreto. Stannous fluoride, silex, silicone dental prophylaxis paste 528

SILVER NITRATE

Gräff. Metabolic changes in enamel and dentin 38 Weiss. Histological effects of silver nitrate on adult pulps 263

SIÖGREN'S SYNDROME

See Systemic conditions manifested in mouth-Sjögren's syndrome

SKIN

MacKenna. Skin and mucous membrane 288

SMOKING

See Tobacco-effect on mouth and teeth

SOCIALIZED DENTISTRY

See also National health insurance Gullett. Social trends in dentistry 633

SOCIETIES, DENTAL

See Associations and societies, dental

SODIUM FLUORIDES

See Fluorides; See also Caries, dental-fluoride for prevention and subheadings

SOFT TISSUES OF MOUTH

DISEASES: See also names of diseases

MacKenna. Skin and mucous membrane 288

PIGMENTATION: See Gingiva-pigmentation

HIGH FREQUENCY: See Cavities-preparation-high speed technics; See also Instruments and appliances-high frequency vibration

IN AUDIO ANALGESIA: See Analgesia-audio

SPACE RETENTION

See Orthodontics-preventive

SPECIALISTS

Fleming. Dental specialties in the United States 635 Goldwater. Imitation specialty boards 568

EDUCATION, DENTAL: See Education, dental-specialists; See also Education, dental and subheadings for various specialties

SPEECH

CORRECTION: See Phonetics and speech defects

DEFECTS: See Phonetics and speech defects

SPLINTS

Pinto da Fonseca. Stretching prosthesis for cicatricial deformities of the lips 483
Samuels. Contact glossitis from autopolymerizing resin

wiist. Influence of local periodontal treatment on tooth mobility and gingival inflammation 270

STABILIZERS

See Dentures-stabilization; See also Dentures-retention

STAINLESS STEEL AND CHROME ALLOYS

See also Casting-Stainless steel and chrome alloys Asgar. Microstructure and the physical properties of cobalt-base alloys 707 Re. Allergic reactions to steel prostheses 20

STATISTICS

DENTAL DEFECTS: See also Caries, dental-in children; Caries, dental-incidence; Malocclusion-statistics Andrews. Permanent tooth mortality 402

- Carter. Epidemiology of gingival disease in Kansas City, Missouri school children 55 Greene. Oral hygiene index: a method for classifying
- oral hygiene status 365
- Sesgin. Incidence of congential defects 556
- DENTISTS: See also Economics, dental
  - Brown. Need for dental services in rural areas 632 Kriesberg. Socioeconomic status and the utilization of dentists' service 311
  - Morrey. 1 States 115 Distribution of dental personnel in the United
  - Census of dental resources (in Michigan) Podshadley. 186
- Shortage of dentists? 440 Stewart. Effects of urbanization in Wisconsin on the distribution of dental manpower 628 The Register 432
- STERILIZATION AND ASEPSIS
- - See also Antiseptics, germicides Allen. Sterlization of instruments and materials with beta-propiolactone 114
  - Sterilization of surgical gloves 485
  - Johnston. Sterilization of dental handpieces 619
  - Scott. Preparing the surgeon's hands 632 Walker. Sterilization of dental instruments 536 Winter. Missing link in the chain of local dental anesthetic asepsis 712
- STEVENS-JOHNSON SYNDROME
  - See Systemic conditions manifested in mouth-Stevens-Johnson syndrome
- STOMATITIS
  - Alsop. "Hand-foot-and-in 1959 (England) 542 "Hand-foot-and-mouth disease" in Birmingham
  - Histamine injections fail to precipitate stomatitic lesions 470 Magoffin. Vesicular stomatitis and exanthem 543

  - APHTHOUS
    - Abbott. Treatment of herpetic and aphthous stomatitis 855
    - Aphthous ulcers 497 Fraser-Moodie. Treatment of aphthous ulceration with
    - gamma-globulin 31
  - Rosenbaum. Aphthous stomatitis 345 Ship. Effects of topical corticosteroids on aphthous ulcerations 563; Recurrent aphthous ulcerations and recurrent herpes labialis 556
  - Sohr. Relation between aphthae and endocrine function 178
  - Tuft. Aphthous stomatitis and organic acids 543
- STRESS
  - Baume. Response of condylar growth cartilage to induced stresses 721
  - Beecher. Increased stress and effectiveness of placebos and "active" drugs 96
  - Honorato. Influence of psychic trauma on the produc-tion of denial caries in the rat 172
- - Ross. Treatment of hypersensitive teeth with a strontium chloride dentifrice 499
- SUCCINYLCHOLINE
- See Muscle relaxants
- SUGAR
  - See Caries, dental-sugar and starch in relation to
- SULFONAMIDES
  - Cappuccio. Clinical evaluation of sulfadimethoxine, a long-acting antibacterial sulfonamide, in oral infections
  - Gissa. Chemotherapy in dental practice: sulfisoxazole in treatment of oral infections and inflammations 428
  - REACTION TO
  - Cohlan. Erythema multiforme exudativum associated with the use of sulfamethoxypyridazine 95
- SUPERNUMERARY TEETH
- See Teeth-supernumerary
- SUPPLIES, DENTAL
  - See Equipment, dental
- SURGERY
- ORAL: See Oral surgery
- PLASTIC: See Plastic surgery

- SUTURES AND SUTURING
  - See Oral surgery-sutures and suturing
- SWALLOWING
- See Deglutition
- SWEDEN
  - See Community and school dental service-in Sweden
- SWELLINGS OF FACE AND NECK
- Borsanyi. Asymptomatic enlargement of the parotid glands 290 Waite. Infections of dental etiology in the mandibular
  - and maxillofacial region 323
- SWITZERLAND
  - See Dentistry-in Switzerland; See also Technicians, dental-in Switzerland
- SYNCOPE
  - See Shock, syncope and collapse
- SYRINGES
  - - Helbig. Prevention of needle breakage during mandibu-lar anesthesia by use of "button" syringes 88 Points on the care of hypodermic syringes and needles 10
- SYSTEMIC CONDITIONS MANIFESTED IN MOUTH
- Bishop. Relationship between the cardiologist and the prosthodontist 267

  - Brown, Jr. Ptyalism and achlorhydria 354
    Garretts. "Burning lips" associated with oesophageal reflux 537
  - Gonzalez.
  - ez. Dental caries as a syndrome 150
    Gingival condition of congenitally cyanotic in-
  - dividuals 76
    Massler. Oral problems in postmenopausal women 537
  - CLEIDOCRANIAL DYSOSTOSIS Andrä. Cleidocranial dysostosis (Marie and Sainton disease) 629

  - Crouzon's disease
    Dunn. Nonfamilial and nonhereditary craniofacial dysostosis: a variant of Crouzon's disease 285
  - DIABETES
  - Betzler. Changes in the metabolism of calcium and phosphate in the facial bones and teeth of rats with alloxan diabetes 39
  - HELLER'S SYNDROME
  - Sagarra. Heller's syndrome: report of an atypical case 109
  - HODGKIN'S DISEASE
  - Esposito. Diagnostic and prognostic significance of variations in the serum levels of specific glycolytic enzymes and aminopherases in patients with oral tumors or Hodgkin's disease 363
  - LICHEN PLANUS
  - Dechaume. Isolated lichen ruber planus of the oral mucosa 149
  - OSTEITIS FIBROSA CYSTICA: See Osteitis-fibrosa cystica
  - PEMPHIGUS
  - Merdi. Oral manifestations of pemphigus vulgaris 352 Schlotter. Treatment of pemphigus vulgaris with corticosteroids 30
  - PIERRE-ROBIN SYNDROME
    - Oeconomopoulos. syndrome 155 Value of glossopexy in Pierre-Robin
  - SCLERODERMA
    - Dykes. Treatment of dry mouth 349
  - SJOGREN'S SYNDROME
  - Denko. Sicca syndrome (Sjögren's syndrome): a study of 16 cases 288
  - STEVENS-JOHNSON SYNDROME
  - Cohlan. Erythema multiforme exudativum associated with the use of sulfamethoxypyridazine 95
    Muller. Oral manifestations of erythema exudativum
  - multiforme maius 149
  - TREACHER-COLLINS SYNDROME
  - Kibel. Mandibulofacial dysostosis: Treacher-Collins syndrome 224
  - VON RECKLINGHAUSEN'S DISEASE: See Osteitis-fibrosa cystica

#### TASMANIA

See Technicians, dental-in Australia

#### TEACHING METHODS

See Education, dental-teaching methods

#### TECHNICIANS, DENTAL

BY COUNTRY: See also specific countries listed below, i.e.in Australia,-in Switzerland, etc.

Dental technicians in various countries: their scope and sphere of activity 570

In Australia
Johnston, Dental mechanics 434

# IN ENGLAND

Shortage of dental technicians in England 438

# IN SWITZERLAND

Helveter. Dentists, dental technicians, "tooth practi-tioners" and "denturists" in Switzerland 111

Brown. Postnatal tooth development in cattle 36

# ANATOMY: See Anatomy-oral; See also Pulp-anatomy

ATTRITION: See Erosion and abrasion

#### CALCIFICATION

Swindler. Calcification of the permanent first molar in rhesus monkeys 720

### COMPOSITION: See also Enamel-composition

Sobel. Interrelation of tooth composition, body fluids, diet and caries susceptibility 595

#### ERUPTION: See Eruption of teeth

EXTRACTION: See Extraction

# Fractured: See also-traumatized, listed below Dannenberg. Temporary-permanent restoration 546

# HISTOLOGY: See Histology-dental

IMPACTED: See also Extraction-impacted teeth Primary tooth retention in the deciduous and de Jonge. permanent dentition 178

# IMPLANTATION: See Implantation

LOOSE, TREATMENT: See Periodontal disease; See also Splints

# MOBILITY

Wüst. Influence of local periodontal treatment on tooth mobility and gingival inflammation 270

# MOLARS, THIRD: See also Extraction-impacted teeth Prevention of damage to the inferior dental

nerve during the extraction of manibular third molars 404 Rantanen. Third molars and operative dentistry 121

# MOTTLED: See Enamel-mottled

Post-mortem cracks
Awazawa. Experimental observations on the occurrence of postmortem cracks in tooth enamel 478

### REPLANTATION: See Implantation-natural teeth

SENSITIVE AREAS: See also Dentin-sensitive

### SOLUBILITY

Wynn. Enamel demineralization 465

### SUPERNUMERARY: See also Anomalies

Schulze. Incidence of supernumerary teeth 23

## TRANSPLANTATION: See Implantation

#### TRAUMATIZED

Szymanska-Jachimczak. Influence of trauma to deciduous teeth on the development of malformation in permanent teeth 84

#### TELEVISION

See Education, dental-audiovisual

#### TEMPERATURE

Stephen. Body temperature regulation during anesthesia in children 405

#### TEMPOROMANDIBULAR JOINT

#### ANATOMY

Choukas. Structure of the temporomandibular joint 720 Lindblom, Anatomy and function of the temporoman-dibular joint: clinical bite rehabilitation and roentgeno-graphic findings in patients with arthrosis 420

#### DISEASES AND DYSFUNCTIONS: See also Mandible and maxilla-resection

Baume. Response of condylar growth cartilage to induced stresses 721 Cimasoni. Roentgenographic investigations of arthro-

Cimasoni. Roentgenographic investigations or arrivo-pathies of the temporomandibular joint 24 Georgiade. Temporomandibular joint dysfunction and facial pain 418 McCall. Personality characteristics in patients with temporomandibular joint symptoms 598 Schwartz. Management of disorders of the temporo-

mandibular joint 250 Treatment of temporomandibular joint dysfunc-Shore.

Т

T

Т

7

# tion 209 TETRACYCLINE

See Antibiotics

# THAILAND

See Dentistry-In Thailand

# THERAPEUTICS

See Materia medica and therapeutics

#### THERMAL SHOCK

See Heat and cold-shock

#### THESES

See Education, dental-dissertations and theses

#### THIOPENTAL SODIUM

Anesthesia and anesthetics general-thiopental sodium

See Teeth-molars, third; See also Extraction-impacted teeth

#### TIC DOULOUREUX

See Neuralgia-trigeminal; trifacial; tic douloureux

#### TINNITIS

See Ear-diseases; See also Temporomandibular jointdiseases and dysfunctions

# TISSUE

BANK

Hyatt. Tissue bank: present and future 210

CHANGES IN TOOTH MOVEMENT: See Orthodontic treatment -tissue changes caused by

PERIODONTAL: See Periodontal tissue

#### TOBACCO

EFFECT ON MOUTH AND TEETH

Devine. Pathologic effects of smoking on the larynx and oral cavity 152
Ingelstedt. Temperature of cigarette smoke 681

#### TONGUE

Balogh. Topographic charts of the edentulous mouth and the upper surface of the tongue 411
Straub. Malfunction of the tongue. Part 1. The ab-

normal swallowing habit: its cause, effects, and results in relation to orthodontic treatment and speech therapy 3 Swelling of tongue 181

BITING: See-habits, listed below.

# DISEASES

Balogh. Functional ischemia of the tip of the tongue 600

Hansen. Lymphangioma of the tongue 28 Morfit. Lymphangioma of the tongue: treatment and appraisal of long-term results 502

Samuels. Contact glossitis from autopolymerizing resin splint 358

Uhlmann. Radiation therapy of carcinoma of the tongue

Voutilainen. Cancer of the tongue: review of 137 case reports 153

#### HABITS

Jansky. Investigation of the muscular forces exerted by the tongue 265

Whitman. Diagnosis and management of ankyloglossia 626

## TOOTHACHE

Anderson. Physiology 592

# TOOTHBRUSHES AND TOOTHBRUSHING TECHNIC

Archer. Mouth cleaning devices 53
Berggren. Supervised toothbrushing with a sodium fluoride solution in 5,000 Swedish school children 396

Beveler. Tooth abrasions, gingival injuries and daily oral hygiene 51

oral pygiene 51
Collins. Study of an electrical toothbrush 731
Diener. New approach in oral physiotherapy 137
Dudding. Patient reactions to brushing teeth with water, dentifrice, or salt and soda 573
Ineffective toothbrush 175
Melville. Bacteria on toothbrushes 731

Melville. Bacteria on toothbrushes ? Patton. Ineffective toothbrush 175

Instructions to parents for brushing the child's Starkey. teeth 524

Toto. Electrically powered toothbrush in home periodontal treatment 659

Wallentin. Oral hygiene and nutrition: survey of oral health conditions and breakfast contents of Westphalian school children 240

# TOOTHPASTES

See Dentifrices

#### TOOTHPICKS

Blessed twig: a historical walk with Japanese toothpicks 298

TOOTHPOWDERS See Dentifrices

## TOPICAL ANESTHESIA

See Anesthesia and anesthetics, local-topical

#### TOXICOLOGY

See Poisons and poisoning

### TRACHEOTOMY

Facial injuries and tracheotomy 157

# TRANQUILIZING AGENTS

See Ataraxics

# TRANSPLANTATION OF TEETH

See Implantation

#### TREACHER-COLLINS SYNDROME

See Systemic conditions manifested in mouth-Treacher-Collins syndrome

#### TRICHLOROETHYLENE

See Anesthesia and anesthetics, general-trichloroethylene

#### TRIFACIAL NEURALGIA

See Neuralgia-trigeminal; trifacial; tic douloureux

## TRIGEMINAL NEURALGIA

See Neuralgia-trigeminal; trifacial; tic douloureux

### TRILENE

See Anesthesia and anesthetics, general-trichloroethylene

# TRYPSIN

See Enzymes

#### TUBERCULOSIS

Sacher. Oral surgical interventions and postoperative management in patients with advanced tuber Toman. Tuberculosis of the oral cavity 540 erculosis 157

See also names of tumors
Batsakis. Oxyphil cell tumor of submaxillary gland 357
Eckmann. Bone tumors: cancer diagnosis for the general

Exeminist the practitioner 152
Esposito. Diagnostic and prognostic significance of variations in the serum levels of specific glycolytic enzymes and aminopherases in patients with oral tumors or Hodgkin's disease 363
Feyrter. Possible endocrine effects of mixed tumors of

reyrter. Possible endocrine effects of mixed tumors of the salivary glands 653

Hansen. Lymphangioma of the tongue 28

Jayne. Cysts and tumors of the mandible 715

Kragh. Benign and malignant neurilemmomas of the head and neck 97 Macksood. Warthin's tumor of the parotid gland 413

Morfit. Lymphangioma of the tongue: treatment and appraisal of long-term results 502

Pennisi. Neoplastic infiltration of the aponeurosis in in-

stances of mixed tumors of the parotid gland 228 Popescu. Recurrent tumors of the maxillofacial region

Renaud. Potential effects of neomycin on tumor growth

Roos-Scholtz. New series of 73 cases of salivary tumors, from Pretoria 721Sharp. Salivary gland tumors 357

TYROTHRICIN

See Antibiotics

#### U

#### ULTRA VIOLET RAYS

THERAPY
Stuy. Inactivation of microorganisms by ultraviolet radiation 552

### UNITED STATES

See Dentistry-in United States

#### URINE

In tooth growth
Sasaki. Studies of a factor in urine promoting the growth of teeth 363

#### V

#### VACCINES

Poliovirus vaccines 571

# REACTION TO

Baumann. Complications occurring in the maxillofacial region after poliomyelitis vaccination (Salk) 104

#### VANADIUM

Lutomska. Anticariogenic effects of vanadium demonstrated in experimental animals 527 Tempestini. Combined effect and action of vanadium and fluorine on experimental caries 303

### VANCOMYCIN

See Antibiotics

# VENEZUELA

See Education, dental-in Venezuela

#### VETERANS

DENTAL CARE: See also Veterans Administration Casey. Veterans affairs from the point of view of the American Dental Association 401

VETERANS ADMINISTRATION
Scopp. Dental research program in a Veterans Administration hospital 182

VINCENT'S INFECTION
Lado. Necrotizing ulcerative gingivitis 692

#### VIRUS DISEASES

Scheid. Meningitis and encephalitis caused by viruses 224

# VISION (SIGHT) IN DENTAL PRACTICE See Health of dentist-eyes

VISUAL EDUCATION IN DENTISTRY See Education, dental-audiovisual

# VITAMINS

See also Diet and nutrition

Bourne. Dietary deficiency of vitamin B12 180

#### VON RECKLINGHAUSEN'S DISEASE

See Osteitis-fibrosa cystica

#### WASHED FIELD TECHNIC

See Cavities-preparation; See also Prophylaxis, dental

#### WATER

Fluoride in salt from sea water 699

FLUORIDE CONTENT: See Caries, dental-fluoride for prevention-in water supplies

# WAXES AND WAX PATTERNS

See also Casting—gold Mumford. Inexpensive wax warmer 482 See Teeth—molars, third

WORLD HEALTH ORGANIZATION
WHO program for preventing, treating periodontal disease 606

### WOUNDS AND INJURIES

See also specific types, i.e. Fractures; Maxillofacial injuries, etc.

Artz. Protection of the surgical wound with a new plastic film 486

#### HEALING

EALING
Amler. Histological and histochemical investigation of human alveolar socket healing in undisturbed extraction wounds 16
Cabrini. Role of the enzyme beta-glucuronidase in healing oral wounds 471
Frenkel. Intraoral wound dressing with self-curing acrylic resin 615
Roth. "Gelastyp" in dental practice 34
Wilderman. Histogenesis of repair after mucogingival surgery 430

X

#### XANTHOCILLIN See Antibiotics

TECHNIC: See Roentgenology-technic TREATMENT: See Roentgenotherapy

# XYLOCAINE

See Anesthesia and anesthetics, local-lidocaine hydrochooride

# Y

# YUGOSLAVIA

See Caries, dental-incidence, Yugoslavia; See also Community and school dental service-in Yugoslavia

# $\mathbf{z}$

### ZINC OXIDE

See Cements-zinc oxide

### INDEX OF AUTHORS

## A

Abbott, Paul I. 655
Adams, Robert J. 122
Adler, P. 351
Adriasola E., Guillermo 728
Ahlgren, Johan 488
Airaksinen, Sirkka 620
Aitchison, James 165
Akesson, N. A. 475
Albanese, Paolo 173
Albun, Manual M. 373
Albund, Manual M. 373
Alexander, R. D. 248
Allen, Ernest M. 378
Allen, Henry F. 114
Allwright, W. C. 230
Alsop, J. 542
Amler, Melvin H. 16
Amphlett, James 470
Anderes, Theodor 32
Anderson, D. J. 592 Abbott, Paul I. 655 Anderes, Theodor 32
Anderson, D. J. 592
Anderson, V. Elving 569
Andris, A. 629
Andrews, George 402
Andrews, N. H. 695
Antalovská, Zora 13
Appenrodt, George J. 374
Aranki, A. 172
Archer, L. Bruce 53
Arnim, Sumter S. 307
Arnold, F. A., Jr. 368
Artz, Curtis P. 486
Ascari, E. 296 Artz, Curtis P. 486 Ascari, E. 296 Asgar, Kamal 707; 708 Ashe, W. K. 557 Asling, C. W. 22 Athanasiadou, M. 93 Aula, Sirkka 593 Awazawa, Yasuyuki 478 Ayre, Philip 339

# B

Backer Dirks, O. 730
Baer, Paul N. 724
Bagur, Diego B. 171
Bahn, Arthur N. 565
Baker, Emest G. 681
Balogh, K. 411; 600
Barbash, Roslyn 470
Barber, Thomas K. 715
Barbieri, U. 296 Barber, Thomas K. 113 Barbieri, U. 296 Baringer, J. Richard 684 Barnes, Jerry E. 329 Barr, John H. 587 Barth, Gunther 490 Bassalyk, D. A. 520 Bastien, V. Gerard 120 Batsakis, John G. 357 Basten, V. Gerard 120 Batsakis, John G. 357 Baumann, Th. 104 Baume, Louis J. 721 Baumgartner, Leona 71 Baurmash, Harold 616 714 Baumash, Harold 516 Bazant, Vratislav 58 Beagrie, G. S. 293 Beecher, Henry K. 96; 4' Behrman, S. J. 481 Belting, Charles M. 694 Bender, I. B. 561 96; 476 Bender, I. B. 92
Benett, Ivan L. 92
Bentley, K. D. 36
Bergenstal, Delbert M. 288 Berger, Jack C. 336
Berger, Ulrich 429
Berggren, Helge 396; 610 336

Bergman, Bo 678 Bergonzelli, V. 204 Bergström, K. 396; 544; 610 Berland, Theodore 532 Berlin, Ragnar 248 Berling, Claes 410 Berling, Claes 410
Berman, Charles L. 490
Bernhardt, H. 554
Bernier, J. L. 730
Bery, N. N. 521
Besse, Byron 40
Best, E. James 195
Bettley, F. Ray 49
Betzler, H. 39
Beube, Frank E. 490
Beveler, Karl 51 Beyeler, Karl 51 Bibby, Basil G. 272; 508; 697; 722 Bick, Wilhelm 274 Bick, Wilhelm 274
Binder, Th. 182
Bingay, J. V. 247
Birath, Elna 251
Birman, O. 524
Bishop, Louis F. 267
Bisig, Meinrad 652
Bjorndal, Arne M. 494
Blackerby, Philip E. 246
Blanchard, Cyrus L. 290 Blatz, Hanson 714
Bobbio, Amedeo 231
Boccaletti, G. 267
Böhne, Ch. 390, 417; 501
Bóna, Katalin 468
Booth, Neville A. 243
Borsanyi, Steven 290
Boudin, Anna 81
Bourne, J. G. 613
Bourne, J. G. 613
Bourne, Martin S. 180
Bowen, Mary Jeanne 56
Boyer, Harold E. 358
Bradford, E. W. 538
Bradford, E. W. 538
Bradford, E. W. 538
Brader, Glenn 345
Brauer, Gerhard M. 185
Brauer, Gerhard M. 185
Brauer, Gerhard M. 185
Brawley, R. G., Jr. 474
Breland, Kenneth R. 584
Brenčič, Lojze 604
Březinová, Vlasta 409
Brichetti, L. M. 277
Bridenbaugh, L. D. 276
Brill, N. 175
Brown, H. K. 632
Brown, P. W., Jr. 354
Brown, R. H. 600
Brown, W. A. Barry 36
Bruckner, Robert J. 496
Brudevold, F. 38; 167
Bruner, H., Sr. 277
Bucher, A. 348
Bucker, Karl 217
Buechel, Donald R.
Bulbulian, Arthur H. 515 Blatz, Hanson 714 Bobbio, Amedeo 23 231 Buechel, Donald R. 11 Bulbulian, Arthur H. 5 Burch, Richard J. 579 Burket, Lester W. 556 515 Burkov, T. 119 Burlibasa, C. 98 Burnaston, John 53 Busfield, B. L., Jr. 424

### C

Cabrini, R. L. 471 Cadenat, E. V. 108 Caesar, Rudolf 425 Cahn, Lester R. 284 Calisti, Louis J. P. 58 Campbell, C. H. 95 Campkin, Victor 208 Cantin, Marc 353 Cappuccio, Joseph P. 32 Carbone, M. 207 Carbonell, V. M. 165 Carranza, Fermin A. 692 Carranza, F. A., Jr. 471 Carter, William J. 55; 494 Carvel, Rosa Iusem 669 Casey, Gerard J. 401 Casilla, E. 477 Casilla, E. 477
Castleman, Benjamin 226
Catlin, D. 554
Cavallero, C. 477
Chakravorti, B. P. 420
Chambiras, Peter G. 423
Charlestein, Morton 213 Chase, R. H. 343 Chase, Wilson W. 412 Chase, Wilson W. 412
Chayet C. 172
Cheskin, Louis 634
Childs, Donald S. 653
Chiron, Albert E. 712
Cholak, J. 41
Choukas, Nicholas C. 720
Christenson, Gilbert R. 47Christofferson, P. V. 36
Cimasoni, G. 24
Claus, Everett C. 670 Claus, Everett C. 67 Clugh, John R. 532 Cohen, B. 137; 565 Cohen, David D. 22 670 220 Cohen, David D. 220 Cohen, M. Michael 58 Cohen, Stanley R. 499 Cohen, Stanley R. 4
Cohlan, Sidney Q. 9
Cohn, Ernesto 293
Collins, A. A. 598
Collins, Edwin M.
Collins, J. M. 218
Colombo, Edoardo 95 Conn. J. Harold 486 Conner, Paul K., Jr. 615 Consolazio, C. Frank 604; 695 Cook, H. P. 654
Cooksey, Donald E. 664
Cosenza, Francisco 592
Coxhead, L. J. 570 Cragg, J. 423
Craig, R. G. 143
Cremer, H. D. 116; 526
Crolle, G. 353
Crook, G. Hamilton 681 Cunningham, W. M. 600 Curson, I. 237 Curtis, Glenn H. 731

#### D

Dachi, Stephen F. 732 Dahl, Lillian O. 573 Daikos, G. K. 93 Damashek, William 352 Damseaux, S. 42 Damseaux, S. 42
Danielewiczowa, K. 471
Dannenberg, James L. 546
Darley, John G. 589
Davidov, S. 240
Davis, D. A. 13
Dawber, Thomas R. 40
Deamer, David W. 421
Dechaume, Michel 149
de Jonge, Th. E. 178; 687, 688
Dekova, L. 240
de Maar, F. E. R. 456
Denby, G. C. 396 Denko, Charles W. 288
Denning, Carolyn R. 558
Dent, S. L. 405
Denton, George B. 301
Derichsweiler, Hans 721
de Rudder, B. 400
Dessner, Leopold 248
Devin, R. 651
Devine, Kenneth D. 152; 484; 571
Dickson, Homer 312
Diener, Jack 137
Diener, Richard 360
Di Marco, Gennaro 634
di Sant'Agnese, Paul A. 558
Dobkin, Allen B. 217
Dobbs, Edward C. 32
Doctor, R. H. 76
Dogliotti, G. C. 27
Doku, Hristo Chris 467
Dolder, E. 673
Donaldson, J. A. 302
Domeeva, T. 240
Donnelly, Charles J. 528
Dowling, Harry F. 427
Downton, D. 279
Dreizen, S. 221
Drew, Dorothy M. 459
Drewer, C. J. 545
Driscoll, Edward J. 207; 474
Drum, Walter 619
Dubay, L. 291
Dubos, René J. 313
Duckert, A. 105
Duckworth, R. 507
Dudding, Nancy J. 573
Dudenbostel, R. E. 176
Dummett, Clifton O. 306; 415
Dunn, Fred H. 285
Dunt, Harold L. 671
Dykes, Peter 349

### E

Eckmann, L. 27; 152
Edwards, Ralph W. 584
Eggers Lura, Halfdan 596
Ehrenreich, Joseph 561
Eiardt, Walther Sigurd 698
Eintracht, F. 335
Ekholm, Antti 166; 593; 662
Emslie, R. D. 507
Engel, Benjamin 334
Engelberger, A. 150
Ennever, J. 608
Enzer, Matthew 558
Erich, John G. 624
Erickson, R. I. 281
Ericsson, R. I. 281
Ericsson, Y. 396; 527
Esposito, S. 87; 363
Ettelson, L. N. 543
Etter, Lewis E. 472
Evans, H. M. 22
Everett, Frank G. 110
Every, R. G. 289
Evrard, D. 94
Ewen, Sol J. 621
Eyer, H. 485

# F

Fader, Melvin 296 Fahlberg, Willson J. 498 Fales, Martha H. 58 Farchione, Alfred 659 Fasoli, G. 464 Fasske, E. 554
Fatzer, René 330
Fearington, Blanche 338
Featherstone, J. L. 291
Feddema, J. Philips 586
Feldmann, Edward G. 676
Fellinger, Karl 434
Ferguson, G. W. 264
Feyrter, F. 653
Fiala, O. 661
Findeisen, D. G. R. 347
Findlay, Ian A. 14
Fisch, Herbert 712
Fischer, C. H. 82
Fish, Albert 351
Fish, Sir Wilfred 645
Fisher, Myron W. 92
Fisk, Ross O. 242
Fitzgerald, R. J. 151
Fleming, Harold S. 660
Fleming, Harry B. 400
Fleming, Harly B. 400
Fleming, Willard C. 635
Flesch, Regina 246
Flewett, T. H. 542
Fogarty, John E. 666
Fontana, A. 204
Forrest, Edward J. 680
Forsberg, Arne 559
Forziati, Alphonse F. 185
Fosdick, L. S. 593
Foster, J. R. 542
Frajola, Walter J. 421
Franke, W. 367
Fraser-Moodie, W. 31
Frenkel, Gerhard 615
Freund, H. Robert 284
Friedlich, Allan L. 684
Friöhlich, Anne 93
Fröhlich, Eugen 245
Frost, Michael 654
Frys, A. 218
Fryer, Minot P. 407
Fuhrmann, W. 500
Fullmer, Harold M. 99; 169, 170

# G

Gaerny, Arnold 547
Gall, C. 98
Gallios, J. A. 371
Galloway, J. W. 504
Gardner, D. E. 167
Gardner, D. E. 167
Gardner, Wallace J. 12
Garretts, Maurice 537
Gavin, J. B. 598
Geddes, Ian C. 473
Georgiade, N. G. 418; 451
Gerbardt, O. 437
Geševa, N. 240
Giamminola, E. 477
Gibbons, P. 143
Gibbs, F. J. 33
Gilders, B. T. 526
Gillis, Robert R. 20
Girsh, Leonard S. 543
Gissa, Adolf 428
Giuliucci A. 172
Glover, Donald M. 486
Gobbi, F. 296
Going, Robert E. 564; 671
Gold, Martin Irwin 1
Goldwater, Leonard J. 568
Goltz, Robert W. 45
Gonzalez, Lucas I. 150
Gooddy, William 460
Gorlin, Robert J. 45; 569
Gould, M. S. F. 76
Gräf, W. 35

Gräff, S. 38
Graham, Gerald R. 9
Greek, W. J. 74
Greene, John C. 365, 366
Gregl, Anton 484
Grieves, John 53
Griffiths, D. 599
Grissom, D. K. 176; 728
Gros, E. 108
Gruszczynska, Krystyńa
Guerra, Francisco 685
Guerrero S. 172
Gullett, Donald W. 632
Gupta, Om P. 694
Gustafson, Gunnar 470

#### H

Haataja, Johannes 593 Habu, Hiroyoshi 147 Hafer, Hertha 238 Hagen, Ame 303 Hahn, W. 554 Haldi, J. 36; 465 Hall, K. D. 405 Hallick, Nicholas T. 18 Hallick, Nicholas T. 180
Halliday, R. W. 454
Halperin, Victor 669
Hansen, Erik 28; 404
Hansen, Niles M. 657
Harcourt, H. J. 475
Harpole, H. James 560
Harris, Norman O. 528
Harris, Robert 693
Hartenstein, Hermann 1 Hartenstein, Hermann Hartlmaier, K. M. 310 Hawes, Lloyd E. 40 Haym, Joachim 8 Hayms, Joachim 8 Haynes, Clinton E. 561 Hays, Robert A. 715 Hazlet, John W. 422 Hebert, Clarence L. 474 Hefferren, John J. 676 Heid, J. 451 Heider, Charles 346 Heidsieck, Carl 382 Helbig. Karl 88 Heidsieck, Carl 2: Helbig, Karl 88 Helsper, James T. Helveter, H. 111 Hendershot, L. C. Henry, James W. Hermann, Henri Herout, V. 661 Herrmann, Martin Hertel, Adolfo 20 357 700 336 103 Herrmann, Martin 368; 599
Hertel, Adolfo 202
Herzberg, Fred 334
Hester, H. C. 505
Hester, W. 505
Hester, W. 505
Hester, W. 505
Hester, W. 505
Heisber, W. 643
Higashi, Shohei 100
Hilding, Björn 410
Hill, Dennis W. 9
Hiniker, J. J. 29
Hochbaum, G. M. 477
Hodge, Harold C. 729
Hoffer, O. 464
Hollenback, George M. 410; 550
Hollinshead, Byron S. 587
Hollister, John J. 314
Holmes, George A. 232
Holmquist, Marilyn 458 368; 599 Holmquist, Marilyn Holthamp, Paul 44 Homann, C. 405 Honorato, R. 172 Hoppenstand, David C. 482

Hoppenstand, David S. 34 Hornstein, O. 25 Hornung, H. 372 Howard, Hector S. 486 Howard, John W. 249 Howard, Michael C. 672 Howe, Geoffrey L. 404 Howell, Francis V. 732 Howes, Ashley 145 Hülsmann, Hans 698 Hunt, Edward E., Jr. 621 Hunter, A. R. 90 Hurst, William W. 618 Husted, E. 227 Hoppenstand, David S. 341 Husted, E. 227 Hutchinson, A. G. W. 593 Hyatt, G. W. 210

#### I

Iancu, M. 98 Iancu, M. 98
Imagawa, Yoso 273
Ingelstedt, Sven 681
Ingino, A. L. 494
Ingiis, J. McNaught 2
Ingram, G. I. C. 614
Inkster, J. S. 684
Ireland, Ralph L. 714 208 Ireland, Ralph L. 7 Isokawa, Sohiti 38 Istock, J. T. 169 Ivy, Robert H. 408

# J

Jackson, Bruce M. 49 Jackson, D. 696 Jackson, D. 696
Jackson, Edwin W. 543
Jackson, F. L. 237
Jakab6, I. 351
Jansky, Zdeněk 265
Jayne, E. Howard 715
Jeffrey, Alexander 259
Jeffreys, Margaret H. 530
Jensen, R. 544
Jensen, Steen Børglum 55:
Jiráskova, Marje 508 553 Jensen, Steen Børglum
Jiráskova, Marie 508
Johansen, Erling 176
John, C. 282
Johnson, N. P. 371
Johnson, Percy L. 16
Johnston, A. D. 434
Johnston, Colin M. 619
Lohnston M. 161 Johnstone, M. 10 Jolly, M. 22 Jolly, M. 22 Jones, Wallace A. Jones, Wallace A. 684 Jordan, William A. 59 Joseph, Eric K. 148 Jovčev, V. 73 Judd. Edward 595 Judd, Edward S. 48-Jude, James R. 113 484

# K

Káclová, J. 466 Kaiser-Meinhardt, I. 23 Kailser-Meinhardt, I. Kallay, Juraj 5 Kampmeier, R. H. 5 Karlström, Sam 550 Kasperlik, Anna 670 Katz, Sol 541 Kaufman, Myron 406 Kautz, H. D. 30 540 406 Kawamura, Yojiro Kay, L. W. 684 Kazantzis, G. 679 202 Keene, Willis R. 92

Kennedy, John B., Jr. 655 Kesel, Robert G. 458 Kibel, M. A. 224 Kindelsperger, Ronald Klein, George 672 Kleinerman, Leonard 345 Kleinerman, Leonard 345
Klen, R. 661
Kline, Stuart N. 296
Klopp, Kirk K. 546
Kluczka, J. 599
Knickerbocker, G. Guy 113
Knox, P. R. 405
Koehler, Henry M. 676
Kohári, Stefánia 468
König, Klaus G. 37
Korb. I. 282 Korb, J. 282 Koski, Kalevi 681 Köstlin, A. 105 Kouwenhoven, W. B. 113 Kovalski, Jed 342 Kovalski, Jed 342 Kozlowska, Irena 214 Kragh, Lyle V. 97 Kramer, Ivor R. H. 146; 235 Krantz, Alfred 612 Kraske, Leonard M. 718 Krasse, B. 175; 424 Kreshover, S. J. 102 Krasse, B. 175; 42e Kreshover, S. J. 102 Kressner, A. 361 Kriesserg, Louis 311 Krikos, George A. 466 Kroepsch, Robert H. 39 Krogh, Harold W. 401 Kröncke, A. 221 Krušič, Valter 243 Kubelka, V. 282 392 Krusic, Valter 243 Kubelka, V. 282 Kubin, J. 295 Kume, Minoru 100 Kurahashi, Yoshiaki 552 Kutscher, A. H. 470, 490; 558

#### L

Lado, Roberto A. 692 559 Lagergren, Curt Lamberts, H. B. 158 Lamper, Isadore 42 Lampe, I. 29 Landbeck, G. 142 Langer, Hans 201 421 Langer, Hans 201
Lappalainen, Marja 593
Laufman, Harold 443
Lauterstein, Aubrey M. 397
Law, Frank E. 530; 608
Law, Mary L. 36; 465
Leach, Leon B. 271
Lear, Edwin 712
Leatherwood, E. C. 366
Lemkin, Robert R. 537
Lemler, L. 451 Lemler, J. 451 Lennette, Edwin H. 543 Leone, Nicholas C. 40 Lennette, Edwin H. 543 Leone, Nicholas C. 40 Letterer, Erich 425 Levinson, Charles A. 233 Licklider, J. C. R. 12 Lieban, E. Alan 480 Liebman, Frederick M. 592 Lindblom, Gösta 420 Linenberg, William B. 560 Lippincott, Ellis R. 597 Lithleton, Norman, W. 366 Littleton, Norman W. Lock, Francis 675 Lönberg, Pontus 139 Lönnerblad, Tore 559 Lönnerblad, Tore 559 Loranger, Armand W. 668 Loretz, Wayne 692 Lortie, Edouard 518 Love, Dwain R. 674 Ludwig, T. G. 396 Lutomska, K. 239; 527 Lyell, J. S. 726

Lyon, H. W. 169 Lysell, G. 628 Lysell, L. 396; 628

#### M

Machella, Thomas E. 617 MacKenna, R. M. B. 288 Macksood, Albert J. 413 Magill, Jack M. 266 Magoffin, Robert L. 543 Maidens, H. S. 249 Maier, C. 348 Maletz, Hans J. 47 Malkin, Morton 275 609 Mancinelli, Thomas Mandel, Louis 616 Mandel, Louis 616
Mannerberg, Fritz 99
Mansbridge, J. N. 304
Marcroft, Keith R. 618
Marggraf, Wilhelm 48
Marks, Morton 570
Marshall, Richard B. 4
Marston, Arthur 349
Marthaler, T. A. 37 484 Marthaler, T. A. 37
Marth, Joseph J. 241
Martin, William J. 362
Martz, Douglas G. 357
Massaro, Donald 541
Massler, Maury 36; 397; 537, 564; 671 Masson, James K. 97
Mathis, H. 643
Matsumiya, S. 230
Maurizio, E. 24
May, Byron 717
Mazzarella, B. 207
Mazzarella, Maurice A. 718
McCall, C. M., Jr. 177; 598
McClure, F. J. 368; 465
McConnell, Duncan 421; 474; 482
McDaniel, E. G. 151
McDougal, John J. 360
McGurl, Vincent W. 457
McIntosh, W. G. 106
McIntyre, H. 280
McLean, John W. 673
McMillan, Lilia 593
Mehta, Fali S. 76
Melching, H. J. 375
Meldman, M. J. 496
Melville, Thomas H. 553; 731
Melzack, Ronald 689
Menkin, Valy 101
Menning, Harry 414
Mercer, Victor H. 588
Merdi, Taisa 352
Mertensmeier, L. 82
Messing, J. J. 483
Meyer, Irving 387
Meyer-Rohn, Johann
Miake, Kiyoshi 100
Michalsen, Roger C. 565
Middleton, William S. 426 Masson, James K. 97 Mathis, H. 643 Michalsen, Roger C. Middleton, William S. Middleton, William S. 426
Miehlke, Adolf 156
Miksa, Josef 58
Millard, H. D. 102
Millen, J. W. 31
Miller, C. W. 169
Miller, Jerold W. 555
Miller, Perry B. 44
Mills, Lewis C. 346
Minchew, Harvey B. 92
Mitchell, David F. 422; 605
Mitchell, T. 451
Myamoto, Masatoshi 201
Modica, Remo 202 Modica, Remo 202 Monheim, Leonard M. Moon, Donald G. 605 Moore, Daniel C. 276 Moore, J. R. 43 162; 668

Moos, Walter S. 86
Mooser, Max 51; 286
Moorlass, K. 82
Morfit, H. Mason 502
Morgenroth, K. 554
Morgenthaler, P. 105
Morrant, G. A. 332
Morrey, Lon W. 115
Morris, Alvin W. 556
Morris, Estell E. 33
Morrison, Richard D. 561
Moskow, Bernard S. 429
Moslener, C. D. 26
Moss, Louis 289
Moyer, John H. 346
Mühlemann, H. R. 150; 270
Muhler, Joseph C. 244; 530; 573; 609
Müller, Walther A. 149
Muller, Walther A. Murphy, John T. 114

## N

Nadler, Samuel C. 415
Nagano, Toshiro 426
Needham, Gerald M. 362
Nelson, M. 22
Neumann, Bedrich 489
Newbrun, E. 38, 56; 467
Newhouse, Robert J. 686
Nicolas, Theodore H. 438
Nielsen, Anne G. 732
Njemirovskij, Zdenko 172
Nordenskjöld, A. 284
North, W. C. 405
Nossek, H. 329
Nunn, John F. 9
Nyquist, Göte 602

#### 0

Oberti C. 172
O'Brien, Frederick W., Jr. 715
O'Connell, John J. 131
O'Dell, Thomas B. 676
Odrich, Ronald 490
Occonomopulos, C. T. 155
Ogden, Ingram W. 664
Okubo, Shinichi 680
Oleesky, Samuel 180
Oliver, Stanton J. 160
Olthof, A. 648
Orban, Balint J. 430; 670
Osheroff, Boris J. 8
Ostlund, Stig G:son 268; 475
Otsuki, Hideo 100
Owsley, W. C., Jr. 159

### P

Paatero, Yrjö V. 355
Palko, Dale 217
Pallin, Irving M. 712
Pantke, H. 557
Pappalardo, G. 303
Parbrook, G. D. 161
Patócka, F. 282
Patton, J. L. 175
Pauling, Linus 675
Pawlak, Jadwiga 239; 527
Payen, J. 149

Payer, A. G. 374
Peacock, L. N. 116
Pearson, W. D. 80
Pechard, R. 163
Pelton, Walter J. 57
Pendleton, Ralph G. 563
Pennell, Elliott H. 506
Pennisi, Giancarlo 228
Petristh, Max J. 732
Petersdorf, Robert G. 92
Petronio, L. 87; 363
Peyton, Floyd A. 707, 708
Phatak, Nilkanth M. 215
Philipsen, H. P. 94
Phillips, Ralph W. 674
Phillips, Robert S. 55
Picton, D.C.A. 76
Pierce, Chester M. 121
Pierce, G.F.M. 161
Pigman, W. 467
Pindborg, J. J. 94
Ping, Ronald S. 33; 677
Pini, C. E. 477
Pinto da Fonseca, E. 483
Plaut, Thomas F. A. 370
Podshadley, Dale W. 186
Poletti, T. 353
Pollak, H. 119
Pool, M. L. 7
Popescu, V. 98
Posner, Aaron S. 597
Potter, John F. 390
Poulsen, Henning 91
Poyton, H. G. 404
Prešková, Helena 625
Priester, E. S. 314; 562
Primm, Jacob 472
Prommersberger, S. 275
Proskauer, Curt 456
Pruzansky, Samuel 715

# Q

Quarantelli, Enrico L. 294 Quick, Armand J. 569 Quigley, Lawrence F., Jr. 559 Qvist, G. 279

# R

Radike, A. W. 608
Raeder, Arthur 328
Ralston, H. J. 722
Ramfjord, Sigurd P. 694
Ramirez, F. L. 111
Randall, Peter 212
Rank, B. K. 375
Rankow, Robin M. 626
Rant, Jože 623
Rantanen, Aimo V. 121
Rapp, Robert 421
Rapp, R. 29
Rateitschek, K. H. 150; 270
Rauch, S. 105
Re, Giorgio 20
Reasenberg, Julian R. 676
Recant, Benjamin S. 472
Redish, C. H. 677
Reimann, Hobart A.
Reitan, Kaare 544
Renaud, S. 154
Renaud, S. 154
Restall, Charles J. 515
Rhoades, John E. 410
Richards, Lloyd F. 692
Rickles, Norman H. 110

Riedel, H. 39
Riedel, Richard A. 487
Rijhsinghani, K. S. 97
Rish, Benito B. 78
Ritter, Richard M. 598
Roberts, H. J. 480
Robinson, A. D. 216
Roccia, B. 485
Rose-Scholtz, J. E. 721
Rose, Kenneth D. 160
Rosenbaum, J. G. 345
Rosenberg, Arnold 459
Rosenberg, Raymond 470
Ross, Mary C. 92
Ross, Milton R. 499
Roth, H. E. 34
Rothhaar, Raymond E. 436
Royer, R. Quentin 362; 515
Rozeik, F. 599
Rubinstein, Joseph 335
Rumer, George F. 438
Russell, Albert L. 366
Russell, A. L. 604; 695
Ryan, Joseph 143

### S

Sacher, Th. 157 Sacher, Th. 157 Sachs, John M. 5 Sadove, M. 675 Sagarra, J. S. 10 560 109 Saiger, George L. Salman, Irving 16 Salzman, Edwin W. 184 Salman, Fedwin W. 684
Salzmann, J. A. 4
Samuels, Homer S. 358
Sandell, Perry J. 307
Sandler, Henry C. 77; 284
Sanford, Jay P. 615
Sanjana, M. K. 76
Sasaki, Yoshio 363
Sato, Hajime 100
Sauter, Å. 355
Savchenko, V. E. 660
Schaffer, Erwin M. 329
Schaffgotsch, Xaver Count
Schait-Bonissone, A. 172
Schatz, Albert 241
Scheid, Werner 224
Schermer, Robert 613
Scherp, H. W. 557 77; 284 Scherid, Weiner 224 Scherner, Robert 613 Scherp, H. W. 557 Scherz, Gustav 300 Schimmel, Annemarie 16 Schirger, Alexander 362 Schlegel, D. 211 Schlosser, Siegfried 693 Schomidt, George H. 275 Schmidt, W. J. 309 Schmidter, W. 274 Schneider, Gottfried 103 Schneider, Paul 562 Schöbel, Rudolf 251 Schroeder, A. 263 Schuchardt, Alfred S. 53 Schuchardt, Alfred S. 53 Schuchardt, K. 277 Schulmacher, Günter 14 Schultz, William E. 56 533 Schultz, William E. 56 Schulze, Christian 23 Schuppli, R. 349 Schützmannsky, Gisela 16 Schwabacher, Elsbeth D. 56 163 Schwartz, Laszlo 250 Schwarz, Enrique 351 Schwenzer, N. 277 Schwenzer, N. Schwindling, R.

763

Scopp, Irwin Walter 182 Scott, C. Ronald 569 Scott, David B. 425 Scott, David B. 425 Scott, James 623 Scott, J. C. 632 Sebelius, Carl L. 241 Segreto, V. 505 Segreto, V. 505 528 Sehgal, Usha 367 Seidner, Siegfried 659 Seitz, E. 23 Seldin, Harry M. 51 Seltzer, Samuel 561 Selye, Hans 353 Sesgin, M. Ziya 556 Shafer, William G. 285; 585 Shankwalker, Govind B. 422 Sharkwalker, Govind Sharp, George S. 35' Sharry, John J. 424 Shaw, J. H. 599 Shaw, S. Irwin 536 Shazer, Shirley 422 Shear, M. 225 357; 412, 422 Shear, M. 225 Sheary, Helen C. 536 Sheikh, H. S. 265 Sheiner, Ben 88 Sheldon, Marvin P. 36 Sherman, Pincus 275 307 Sheldon, Marvin P. 307
Sherman, Pincus 275
Shiere, F. R. 559
Shimada, Asaharu 100
Ship, Irwin I. 8, 556, 557, 563
Shore, Nathan Allen 209
Shroff, B. C. 76
Shuttleworth, C. W. 33
Sicher, Harry 720
Siegel, Jason C. 290
Siirlä, Hannu S. 166; 593
Silver, Milton 672 Siirliä, Hannu S. 166; 593
Silver, Milton 672
Silvers, Herbert 470
Sinclair, J. H. 219
Sipkovenska, T. 238
Skemp, Joseph 345
Slack, Geoffrey L. 553
Slaughter, Wayne B. 336
Smith, F. A. 167
Smith, Quentin M. 506
Smith, Roger F. 413
Smith, S. G. 423
Snyder, Bernard S. 96
Sobel, Albert E. 595
Sognnaes, Reidar F. 589
Sohr, Andreas 178
Sorensen, Viggo B. 560
Sorg, W. Roger 724
Soule, Edward H. 97
Spangenberg, H. D., Jr. 7
Spatz, Sidney S. 296
Speer, Ernst 723
Sperber, Robert J. 461
Spies, H. A., Jr. 221
Spies, T. D. 221
Sprague, Charles C. 409
Sproul, James Fred 698
Sraibr, E. 282
Staegerann, Gerd 416 Silver, Milton 672 Sproul, James Fred 598 Straibr, E. 282 Staegemann, Gerd 416 Stahl, Amulf 489 Stahl, S. Sigmund 77; 284 Stahl, Walter R. 6 Stanascu, S. 98 Standlee, Mary W. 298 Stanley, Harold R. 264 Stammeyer, William R. 122 Stark, Richard B. 556 122; 732 Stark, Richard B. 556 Starkey, Paul 524 Steinberg, Arnold D. 717 Steinberg, S. S. 176 Steinman, R. R. 362, 371 Steinman, R. R. 362, 37 Stephan, Robert M. 724 Stephen, C. R. 405 Stephens, K. F. 406 Stephens, R. R. 332 Stevenson, C. A. 40 Stewart, Frank W. 337 Stewart, Ileen E. 457

Stewart, J. M. 597
Stewart, William F. 628
Stillwell, E., Jr. 505
Stockar, Bruno 625
Stolk, Frances A. 461
Stolzenberg, Jacob 648
Storvick, Clara A. 117
Stowell, R. E. 376
Strálfors, Allan 700
Strassburger, John 185
Straub, Walter J. 3
Stromberg, W. Ross 617
Strömgren, Hedvig L. 442
Struthers, W. H. 396
Sturzenberger, O. P. 608
Stutman, Joel M. 597
Struy, J. H. 552
Sugioka, K. 13
Sullivan, H. R. 22
Sundaram, K. 97
Suntay, Remedios 712
Sutton, Philip R. N. 692
Sweeney, William T. 566
Swenson, Henry M. 530; 657
Swerdlow, Herbert 264
Swieterman, Robert P. 530
Swindler, Daris R. 720
Sydow, Gunnar E. 366
Szmyd, Lucian 177; 598
Szwejda, Louis F. 369
Szwejda, Louis F. 369
Szwejda, Louis F. 369
Szwejda, Louis F. 369

### T

Takakama, Y. 720 Takeda, Shinji 100 Takeda, Shinji Takeuchi, Mitsuharu 69 Wall Snow 393 696 Talbot, Nell Snow Tamarin, A. H. 533 Tank, Gertrude 117 Tannenbaum, Kenneth A. 55
Tanner, Howard C., Jr. 653
Taylor, Paul P. 136
Tempestini, O. 303
Tencate, Raymond L. 618
Thomason, Mildred 441 555 Thőrmer, H. J. 336 Tickle, R. J. S. 230 Timossi, G. 87 Toda, Yoshihisa 38 Todorov, J. 119 Tolew, I. 239 Toman, Jaroslav Tompsett, Ralph Toto, Patrick D. 614 659 Toto, Patrick D. 659
Toverud, Sven U. 229
Toyama, Kenji 100
Travaglini, E. A. 143
Treiman, Beatrice R. 31
Tremann, H. 554
Triadan, H. 263
Triantaphylli, E. 93
Trithart, Albert H. 120
Tryon, Max 185
Trytten, M. H. 107
Tschamer, Heinz 213
Tuft, Louis 543
Tuoti, Ferdinand 558
Tuovinen, P. 153 311 Tuovinen, P. 153
Tupper, C. J. 102
Tumer, John C., Jr. 48
Turner, Naomi C. 167 484

# U

Uhlmann, Erich M. 86 Umiker, William 421 Umiker, W. O. 29 Updegrave, W. J. 491

## V

Van der Woerd, L. A. 607
Vandam, Leroy D. 338; 495
Vanier, T. M. 501
van Thiel, H. 344
van Weerden, G. J. 568
Veall, N. 507
Veilleux, Rene 353
Vermillion, Jack R. 365
Verme, Daniel 686
Vermino, Daniel 675
Videka, Michael A. 86
Viljoen, P. T. 545
Virtanen, Ingmar 18
Vitor, Julio 185
Vogel, F. 500
Vogt, Arnold 425
von Kreudenstein, T. S. 41
Voudoukis, Ignatios J. 469
Voutlainen, A. 153
Vyklicky, L. 466

# W

Waisbren, Burton A. 345
Waite, D. E. 281
Waite, Daniel E. 323
Waldron, C. A. 285
Waller, D. A. 47
Wallenius, Kjell 470; 681
Wallert, U. 729
Warner, Elizabeth M. 605
Wassermann, David 211
Watanabe, Masami 202
Watkins, Robert F. 215
Weber, E. 662
Weber, H. J. 348
Weber, K. A. 336
Weber, T. B. 609
Wechsler, Henry 424
Weichold, F. 656
Weinberg, Lawrence A. 620
Weiner, Marvin E. 86
Weinmann, J. P. 47
Weinreb, Max M. 74
Weinreb, Max M. 74
Weinstein, Isadore 275
Weiss, Robert L. 120
Weisz, A. Z. 12
Weisz, Walter S. 118
Welander, Erik 396, 398; 610
Wells, Jack E. 55
Wentz, Frank M. 430
Wertheimer, F. W. 99
Wespi, Hans Jakob 542
Westmoreland, W. 692
White, Carl L. 368; 563; 604; 695; 724
White, Mary Alice 668
Whitman, Clifford L. 626
Wilde, N. John 73
Wilderman, Malbern N. 430
Wilkinson, R. H. 281
Williams, Anderson F. 8
Williams, Anderson F. 8
Williams, Anderson F. 8
Williams, Anderson F. 8
Williams, C. 726
Winstock, Donald 614

Winter, Leo, Jr. 712 Witzel, E. 505 Woodbridge, Philip D. 340 Woollam, D. H. M. 31 Wright, H. V. 22 Wright, I. S. 481 Wist, B. P. 270 Wylie, Wendell L. 682 Wynn, Winfrey 465

Wynn, W. 36 Wyss, S. 348 Y

Yale, Seymour H. 67, 86; 716 Yamada, Hiroyasu 478 Yeo, D. J. 85 Yoon, S. H. 167 Young, M. A. 371  $\mathbf{Z}$ 

Zegarelli, Edward V. 470; 558 Zeleny, Adolf 265 Ziemnowicz-Glowacka, W. 397 Zingeser, Maurice R. 488 Zubrow, Harold J. 296 Zuppinger, A. 355 Zur, John E. 369

